

**Committee on Energy and Commerce
U.S. House of Representatives**
Witness Disclosure Requirement - "Truth in Testimony"
Required by House Rule XI, Clause 2(g)

1. Your Name: <u>Leonard L. Gunderson, MD, MS</u>		
2. Are you testifying on behalf of the Federal, or a State or local government entity?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
3. Are you testifying on behalf of an entity that is not a government entity?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
4. Other than yourself, please list which entity or entities you are representing: <u>American Society for Radiation Oncology (ASTRO)</u>		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2009:		
6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity or entities you are representing: <u>Chairman, ASTRO Board of Directors</u>		
7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2009, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed:		
9. Please attach your curriculum vitae to your completed disclosure form.		

Signature Date: 4 June 2012

Curriculum Vitae and Bibliography

Leonard L. Gunderson, MD

(5June 2012)

PERSONAL INFORMATION

email addresses: [REDACTED]

ACADEMIC RANK AND POSITION

Emeritus Professor of Oncology - College of Medicine, Mayo Clinic	16May 2009 - Present
Emeritus Consultant - Department of Radiation Oncology, Mayo Clinic	16May 2009 - Present

EDUCATION

Montana State University BS	1964
University of North Dakota, Grand Forks MS, Anatomy	1966
University of Kentucky MD	1969
University of Utah Hospital Internship, Straight Surgery	1969 - 1970
Latter-Day Saints Hospital Fellowship, Radiation Oncology	1970 - 1974

BOARD CERTIFICATION(S)

American Board of Radiology	
Therapeutic Radiology	1975

LICENSURE

Arizona	17918
Kentucky	15503
Massachusetts	39199
Minnesota	025942-4
Utah	0482410018

HONORS/AWARDS

Phi Kappa Phi - Montana State University	1962 - 1964
Septemviri - Montana State University	1963 - 1964
BS with Honors - Montana State University	1964
Fellow in Radiotherapy - American Cancer Society	1972 - 1973
Training Grant Fellow - National Cancer Institute	1972 - 1974
Donald P. Shipley Lecture – Scripps Clinic and Foundation	1985
Ethel N. Ruvelson Lecture – University of Minnesota	1995
Franz Buschke Lecture – University of California San Francisco	1998
Richard G Evans Memorial Lecture – University of Kansas	2000
Getz Family Professor - Mayo Foundation	2002
Fellow – American College of Radiation Oncology	2005
Distinguished Alumnus Award – Massachusetts General Hospital	2006
Fellow – American Society of Radiation Oncology	2007

PREVIOUS PROFESSIONAL POSITIONS AND MAJOR APPOINTMENTS

Associate Radiation Oncologist - Latter-Day Saints Hospital, Salt Lake City, Utah	1974 - 1976
Clinical Instructor in Radiation Therapy - University of Utah, Salt Lake City, Utah	1974 - 1976
Assistant Professor in Radiation Therapy - Harvard Medical School, Cambridge, Massachusetts	1976 - 1980
Assistant Radiation Therapist - Massachusetts General Hospital, Boston, Massachusetts	1976 - 1980
Consultant - Division of Radiation Oncology, Department of Oncology, Mayo Clinic, Rochester, Minnesota	1980 - 2001
Associate Professor of Oncology - College of Medicine, Mayo Clinic	1981 - 1985
Professor of Oncology - College of Medicine, Mayo Clinic	1985 – 15May 2009
Vice Chair - Division of Radiation Oncology, Department of Oncology, Mayo Clinic, Rochester, Minnesota	1986 - 1989
Chair - Division of Radiation Oncology, Department of Oncology, Mayo Clinic, Rochester, Minnesota	1989 - 1996
Vice Chair - Department of Oncology, Mayo Clinic Rochester	1994 - 1996
Chair - Department of Oncology, Mayo Clinic, Rochester	1996 - 2001
Chair - Department of Radiation Oncology, Mayo Clinic Arizona	2001 - 2007
Consultant - Department of Radiation Oncology, Mayo Clinic Arizona	2001 – 15May 2009
Deputy Director, Clinical Affairs – Mayo Clinic Cancer Center Arizona	2001 – 15May 2009

PROFESSIONAL MEMBERSHIPS, SOCIETIES AND SERVICES

(*indicates status/office held)

American Board of Radiology (ABR)

National Radiation Oncology Boards

*Oral Examiner	1984 - 1985
*Oral Examiner	1996 - 1997
*Oral Examiner	2000
*Oral Examiner	2004 - 2005
*Oral Examiner	2007
*Oral Examiner	2009

American Cancer Society

National Advisory Committee on Colorectal Cancer

Member	1983 - 1986
--------	-------------

American College of Radiation Oncology (ACRO)

Member

*Fellow	2005
---------	------

American College of Radiology (ACR)

State of the Art Committee on Gastrointestinal Cancer

Member	1976
--------	------

Practice Guidelines for Diagnostic Imaging in Colorectal Cancer Follow-Up

Member	1991
--------	------

American College of Surgeons

Commission on Cancer

Upper Gastrointestinal Cancers

*Vice Chair	2002 - 2005
-------------	-------------

American Joint Committee on Cancer (AJCC)

Colorectal, Gastric, Small Bowel, and Anal Staging Committee

*Vice Chair	2000 - 2006
-------------	-------------

Hindgut Staging Committee

*Vice Chair	2006 - Present
-------------	----------------

American Radium Society (ARS)

Member

American Society for Radiation Oncology (ASTRO)

Member

Annual Meeting and Program Committee

Member	2003 - 2008
--------	-------------

Board of Directors

*Treasurer/Secretary	2003 - 2008
----------------------	-------------

*President-Elect	2009 - 2010
------------------	-------------

*President	2010 - 2011
------------	-------------

*Chair	2011 - 2012
--------	-------------

Constitution and Bylaws Committee		
Member		2001 - 2004
Finance Committee		
*Chair		2003 - 2008
Gastrointestinal Cancer Symposium Program Committee		
Member (ASTRO Representative)		2004 - 2006
Gastrointestinal Cancer Symposium Steering Committee		
Member (ASTRO Representative)		2006 - 2009
*Chair		2009 - 2010
Scientific Program Committee		
*Abstract Reviewer		1988 - 1998
*Abstract Reviewer		2002
Scope of Radiation Oncology Working Group		
Combined Modality Therapy Subcommittee		
Member		1999 - 2001

American Society of Clinical Oncology (ASCO)

*Member

British Stomach Cancer Group

*Consultant

1980

Committee for Radiation Oncology Studies (CROS)

Patterns of Failure Committee

Member

1980

Collegium Aesculapium

Member

Eastern Cooperative Oncology Group (ECOG)

Gastrointestinal Committee

1982 - 1986

Radiotherapy Steering Committee

1982 - 1986

European Organization for Research and Treatment of Cancer

Data Monitoring Committee for Rectal Cancer Protocol

Member

2003 - 2007

Gastrointestinal Cancer Consortium

*Chair

1985 - 1988

International Society of Gastrointestinal Oncology (ISGIO)

Member

International Society of Intraoperative Radiation Therapy (ISIORT)

Member

1996 - 1998

*President-Elect

1998 - 2000

*President

2000 - 2002

*Past President

National Cancer Cooperative Group Scientific Coalition

Colorectal Cancer

*Consultant

2004-2007

National Commission on Digestive Diseases

*Consultant

1977

National Institutes of Health

National Cancer Institute

Consensus Committee on Colorectal Cancer

Member

1986 - 1987

Intergroup Gastrointestinal Committee

Member

1988 - 2003

Intraoperative Radiation Working Group

Member

1982 - 1985

*Chair

1982 - 1984

*Chair

1985

National Quality Forum (NQF)

Colorectal Cancer

*Consultant

2004-2007

National Surgical Adjuvant Breast and Bowel Project (NSABP)

Data Monitoring Committee

Member

1998 - Present

North Central Cancer Treatment Group (NCCTG)

Member

1981 - 2009

Radiation Therapy Oncology Group (RTOG)

Gastrointestinal Cancer Committee

Member

1976 - 1980

Member

1987 - 2009

*Chair

1987 - 1994

Gastrointestinal Cancer Steering/Strategy Committee

Member

1987 - 2007

*Chair

1987 - 1994

Intraoperative Radiation Therapy Committee

*Protocol Chair

1986 - 1994

Executive Committee

Member

1987 - 2001

Research Strategy Committee

Member

1987 - 2001

Vice Chair for Disease Sites

1994 - 2001

Journal Review & Editorial Activities

Annals of Surgical Oncology		
Reviewer		1993 - Present
British Journal of Surgery		
Reviewer		2002 - Present
Cancer		
Reviewer		1976 - Present
Current Colorectal Cancer Reports		
Editorial Board		
Member		2005 - Present
Diseases of the Colon and Rectum		
Reviewer		1998 - Present
Editorial Board		
Member		2003 - 2008
European Journal of Cancer		
Reviewer		1991 - Present
Gastrointestinal Cancer		
Editorial Board		
Member		1993 – 2002
Gastrointestinal Cancer Research		
Editorial Board		
Member		2006 - Present
International Journal of Radiation Oncology Biology and Physics		
Reviewer		1977 - Present
Editorial Board		
Member		1986 - 2011
Journal of Clinical Oncology		
Reviewer		1984 - Present
Editorial Board		
Member		2004 - 2008
Oncology		
Reviewer		1992 - Present
Radiotherapy and Oncology		
Reviewer		1983 - Present

**INSTITUTIONAL/DEPARTMENTAL ADMINISTRATIVE RESPONSIBILITIES,
COMMITTEE MEMBERSHIPS AND OTHER ACTIVITIES (* indicates office held)**

Massachusetts General Hospital

Department of Radiation Oncology	
Resident Training Program	
*Director	1977 - 1980

Mayo Clinic Rochester

Division of Radiation Oncology	
Education Committee	
*Chair	1981 - 1986
Member	1981 - 1987
Clinical Practice Committee	
*Chair	1986 - 1989
Executive Committee	
*Chair	1989 - 1996
Department of Oncology	
Executive Committee	
*Chair	1996 - 2001
*Member	1989 - 2001
Research Committee – Protocol Review	1986 - 2001
Gastrointestinal Cancer Disease-Site Group	
*Co-Chair	1988 - 1995
Member	1981 - 2001
Sarcoma Disease-Site Group	1981 - 2001

Mayo Clinic Arizona

Mayo Clinic Arizona Committees	
Cancer Center Committee	
*Vice Chair	2001 – 15May 2009
Research Committee – Protocol Review	2001 – 2003

Department of Radiation Oncology	
Executive Committee	
*Chair	2001 – 2007
Member	2001 – 15May 2009

Mayo Clinic Cancer Center

Mayo Clinic Cancer Center Executive Committee	
*Member	1997 – 2007
Mayo Clinic Cancer Center – Arizona	
*Deputy Director for Clinical Affairs	2001 – 15May 2009
Gastrointestinal Cancer Disease-Site Group	
*Co-Chair	2001 – 2007
*Chair	2007 – 15May 2009
Sarcoma Disease-Site Group	2001 – 15May 2009

EDUCATIONAL ACTIVITIES

Refresher or Postgraduate Course/Panel; National Meetings (Speaker or Panelist)

American Cancer Society

National Conference on Radiation Oncology	1984
Gastrointestinal Cancer	

American College of Radiation Oncology (ACRO)

Gastric Cancer	2005
----------------	------

American College of Surgeons (ACS)

Esophagus Cancer	1981
Gastric Cancer	1981
Colon and Rectal Cancer, Post-Graduate Course	1984
Intraoperative Irradiation	2000
Cancer Panel	2004

American Gastroenterology Association (AGA)

Gastrointestinal Cancer	1975
-------------------------	------

American Society of Abdominal Surgeons

Gastric Cancer	1978
Colorectal Cancer	1979

American Radium Society (ARS)

Gastrointestinal Cancer	1977
Colorectal Cancer, Meet the Professor	1987
Upper Gastrointestinal Cancer, Refresher Course	1988
Esophagus Cancer, Panel	1999
Gastric Cancer, Panel	2001

American Society of Clinical Oncology (ASCO)

Rectal Cancer	1981
Adjuvant Rectal Cancer, Education Symposium	1987
Adjuvant Rectal Cancer, Education Symposium	1994
Gastrointestinal Cancer, Meet the Professor	1994
Esophagus Cancer, Education Symposium	2003

American Society of Radiation Oncology (ASTRO)

Colorectal Cancer, Refresher Course	1978 – 1987
Upper Gastrointestinal Cancer, Refresher Course	1982 – 1987
Colorectal Cancer Panel, Chair	1982
Intraoperative Irradiation Panel, Chair	1983
Intraoperative Irradiation Panel	1984
Gastrointestinal Cancer, Refresher Course	1988 – 1989
Lower Gastrointestinal Cancer, Refresher Course	1990 – 1991
Intraoperative Irradiation, Refresher Course	1994 – 2000
Upper Gastrointestinal Cancer, Refresher Course, Spring ASTRO	1995
Gastric Cancer, Plenary Session Discussant	2000
GI Cancer Treatment Technique Panel, Gastric Cancer	2001
President's Course, Esophagus Cancer Panel, Moderator	2001

American Society of Radiation Oncology (cont)

President's Course, Gastric Cancer	2003
Gastric Cancer, Education Session	2006 – 2007
Rectal Cancer Panel, Moderator and Speaker	2006
Rectal Cancer Panel	2008
President's Course, Multidisciplinary Cancer Care	2011

Committee on Radiation Oncology Studies (CROS)

Colorectal Cancer, CROS-NCI Videotape	1981
---------------------------------------	------

Gastrointestinal Cancer Symposium (ASCO, ASTRO, AGA,SSO)

Colorectal Cancer, Multi-disciplinary Treatment, Moderator	2005
Gastric/Esophageal Cancer, Multi-disciplinary Treatment, Moderator	2006
Gastric/Esophageal Cancer, Multi-disciplinary Treatment, Moderator	2007
Steering Committee, ASTRO Representative	2008 – 2010
Steering Committee, Past Chair	2011

National Cancer Institute (NCI)

NCI Conference on Diagnosis and Treatment of Cancer in the Elderly	1981
Colorectal Cancer	
NCI Patterns of Failure Conference	1982
Gastrointestinal Cancer	
NCI Colorectal Cancer Consensus Conference	1990
Rectal Cancer	
NCI State of the Science	2001
Gastric Cancer	

Radiological Society of North America (RSNA)

Colorectal Cancer, Refresher Course	1977–1982
Colorectal Cancer, Refresher Course Taped Production	1979

Radiation Therapy Oncology Group (RTOG)

Intraoperative Irradiation, National Consensus Meeting	1987
--	------

Society of Surgical Oncology (SSO)

Intraoperative Irradiation Panel, Chair and Speaker	2000
Novel Applications of Irradiation in Oncologic Care	2009
Intraoperative Irradiation, Sarcomas and GI Cancer	

Postgraduate Courses or Local/Regional Meetings (Invited Speaker or Panelist)

University of Chicago	1975
Chicago, IL	
University of Rochester	1975
Rochester, NY	
MD Anderson Cancer Center	1975
Houston, TX	

Emory University Atlanta, GA	1975
University of Pittsburgh Pittsburgh, PA	1975
Natalie Warren Bryant Cancer Center Tulsa, OK	1976
University of Minnesota Minneapolis, MN	1976
University of Arizona Tucson, AZ	1977
Mountain States Tumor Institute Boise, ID	1977
GI Cancer Symposium Tampa, FL	1978
Willamette Valley Cancer Conference Salishan, OR	1978
University of Oregon Portland, OR	1978
Boston University Boston, MA	1978
SE Wisconsin GI Cancer Course Milwaukee, WI	1978
Wayne State GI Cancer Course Detroit, MI	1978
Fox Chase Cancer Course Philadelphia, PA	1978
University of Minnesota Annual Course Minneapolis, MN	1978
New York Roentgen Society New York City, NY	1978
New England Surgical Society Boston, MA	1979
CARTI Little Rock, AK	1979
GI Cancer Symposium University of Tennessee Memphis, TN	1979

Midwinter Radiological Society Los Angeles, CA	1979
NCI Surgical Grand Rounds Bethesda, MD	1979
University of Kentucky Lexington, KY	1979
Boston University Boston, MA	1979
Surgical Oncology Conference Chicago, IL	1980
American Cancer Society Conference Fairfax, VA	1980
George Washington University Washington, DC	1980
Touro Infirmary New Orleans, LA	1980
Central Illinois Radiological Society Peoria, IL	1981
UCSF Annual Course San Francisco, CA	1982
University of Minnesota Annual Course Minneapolis, MN	1982
Massachusetts General Hospital Annual Oncology Course Boston, MA	1983
Vail Cancer Conference Vail, CO	1983
Marshfield Clinic Marshfield, WI	1983
University of Michigan Cancer Course Ann Arbor, MI	1983
MD Anderson Cancer Center Course Houston, TX	1983
St Joseph Hospital Burbank, CA	1983
Los Angeles Midwinter Conference Los Angeles, CA	1984

New York Roentgen Society New York City, NY	1984
Ingles Memorial Chicago, IL	1984
American Cancer Society National Meeting New York City, NY	1984
Intraoperative Irradiation CME Meeting Elgin, IL	1984
Mt Sinai Hospital New York City, NY	1984
University of Minnesota Annual Course Minneapolis, MN	1985
Baptist Hospital Birmingham, GA	1985
LDS Hospital Salt Lake City, UT	1985
Scripps Clinic San Diego, CA	1985
Colorectal Cancer New York Roentgen Society New York City, NY	1987
Colorectal Cancer, IORT, UGI Cancer Willamette Valley Cancer Conference Salishan, OR	1987
Rectal Cancer, Colon Cancer, IORT Hospital of Good Samaritan Annual Cancer Symposium Los Angeles, CA	1987
Rectal Cancer, Anal Cancer, IORT University of Minnesota Annual Course Minneapolis, MN	1987
Rectal Cancer – Postoperative Chemoradiation; IORT GI Cancer Thomas Jefferson University Hospital GI Cancer Symposium Philadelphia, PA	1987
Gastrointestinal Normal Tissue Tolerance Radiation Tolerance of Normal Tissues San Francisco Cancer Symposium San Francisco, CA	1988
Colorectal Cancer, Anal Cancer, Esophagus Cancer, Sarcoma UCSF Annual Course San Francisco, CA	1989

Rectal Cancer Northshore University Manhasset, NY	1989
Rectal Cancer, Pancreas Cancer Scripps Annual Conference LaJolla, CA	1989
Colorectal Cancer St Joseph Cancer Center GI Cancer Symposium Los Angeles, CA	1989
Colorectal Cancer New England Society for Radiation Oncology Boston, MA	1990
Intraoperative Irradiation – Rectal Cancer San Francisco Cancer Symposium San Francisco, CA	1990
Rectal Cancer Johns Hopkins Course Baltimore, MD	1990
Upper GI Cancer New York Roentgen Society Spring Symposium Manhasset, NY	1990
43 rd Annual Midwinter Oncology Conference Los Angeles, CA	1991
UCSF Annual Course San Francisco, CA	1991
Colorectal Cancer Colorectal Cancer Symposium Chicago, IL	1991
Colorectal Cancer Colorectal Cancer Symposium Bismark, ND	1991
Rectal Cancer – Adjuvant Treatment Seminar on Multi-modality Management of Anorectal Cancer Jewish Hospital; Washington University Medical Center St Louis, MO	1992
Upper GI Tumors: Is there a Role for Lymphatic Irradiation? Treatment planning for Lower GI Cancers 12 th Annual San Francisco Cancer Symposium San Francisco, CA	1993
Large Bowel Cancer – Adjuvant Chemoradiation Little Rock, AK	1993

IORT – Colorectal Cancer; IORT – Pediatric Tumors 7 th Annual Brachytherapy Symposium Ohio State University College of Medicine Columbus, OH	1993
Radiation Therapy for Primary and Adjuvant Treatment of Rectal Cancer Cancer Update 1993: Colon/Rectal Cancer Leigh Valley Hospital Allentown, PA	1993
Rectal Cancer – Postoperative Radiation or Chemoradiation Colon and Rectal Cancer Symposium North Central Cancer Treatment Group Rochester, MN	1993
Pancreas Cancer – Chemoradiation; Rectal Cancer – Chemoradiation 4 th Annual Hematology/Oncology Reviews; Mayo Clinic Jacksonville Jacksonville, FL	1994
Large Bowel Cancer – Indications for and Results of Combined Modality Treatment Upper Gastrointestinal Cancer – Combined Modality Treatment Current Concepts in Radiation Therapy University of Minnesota Medical School Minneapolis, MN	1994
ACA of the Esophagus/Stomach – Combined Modality Treatment 3 rd Annual Oncology Conference Spohn Health System Corpus Christi, TX	1994
Colorectal Cancer – Role of Radiation Therapy 4 th Annual Cancer Symposium Sacred Heart Cancer and Research Center Spokane, WA	1995
Treatment of Esophageal Cancer; Treatment of Colorectal Cancers 4 th Bi-Annual Radiation Oncology Update Georgetown University Medical Center Rockville, MD	1995
Colorectal Cancer – Combined Modality Treatment Cancer Conference Columbia Regional Medical Center Palm Harbor, FL	1995
Upper Gastrointestinal Cancer – Combined Modality Treatment; Large Bowel Cancer – Combined Modality Treatment Current Concepts in Radiation Therapy University of Minnesota Medical School Minneapolis, MN	1996

Intraoperative Irradiation – State of the Art; Rectal Cancer – Role of Irradiation/Chemoradiation Annual Mayo Clinic Radiation Oncology Review Course Scottsdale, AZ	1997
Chemoradiation for Upper Gastrointestinal Malignancies Chemoradiation Summit Saint Agnes Medical Center/ UCSF-Fresno Yosemite Valley, CA	1997
Role of Irradiation in the Modern Management of Rectal Cancer Symposium – Progress in the Management of Rectal Cancer New York Cancer Society New York, NY	1997
IORT as a Component of Treatment in Gynecologic Cancer; Combined Modality Therapy for Esophageal Cancer 17 th Annual Course; University of California, San Francisco (UCSF) San Francisco, CA	1998
Timing, Dose and Fractionation of Irradiation for Rectal Cancer Advances in the Diagnosis and Treatment of Rectal Cancer New York Cancer Society New York, NY	1998
Adjuvant Therapy for Rectal Cancer: An Update Current Concepts in Radiation Therapy University of Minnesota Medical School Minneapolis, MN	1998
Intraoperative Irradiation – Indications and Results Regional Oncology Rounds Hamilton Regional Cancer Centre Hamilton, Ontario	1999
Radiation Therapy for Esophageal and Gastric Cancer 4 th Annual Mayo Clinic Multi-disciplinary Course Scottsdale, AZ	2001
Combined Modality Treatment of Gastric Cancer; Treatment of Colorectal Cancer; Squamous Cell Carcinoma of the GI Tract: Esophagus and Anus 54 th Annual Midwinter Radiation Oncology Conference Los Angeles, CA	2002
Chemoradiation for Esophageal, Gastric and Rectal Cancer Florida Society of Clinical Oncology Tampa, FL	2002
AJCC Staging for Colorectal Cancer New AJCC Staging System for Breast and Colorectal Cancer North Central Cancer Treatment Group Rochester, MN	2003

Chemoradiation in the Treatment of Hepatobiliary Tumors 13 th Annual Hematology/Oncology Reviews; Mayo Clinic Jacksonville Amelia Island, FL	2003
Pancreatic Cancer – Overview and Current Management; Gastric and Esophageal Cancer – Chemoradiation 21 th Annual Denali Oncology Group; Gastrointestinal Cancer Kennicott, AL	2004
Current Role of Radiation in Esophagus and Stomach Cancers 6 th Annual Cancer Congress: Gastrointestinal Cancer Memorial Health University Medical Center Savannah, GA	2004
Esophageal and Gastric Cancer, Recent Advances in Radiation Therapy Mayo Clinic in Arizona Winter Gastroenterology Meeting: Gastroenterology Linked to Endoscopy and Hepatology Scottsdale, AZ	2005
Is Radiation Needed for All Stage II and III Rectal Cancers 7 th Annual Perspectives in Colorectal Cancer Scottsdale, AZ	2006

Invited Presentations – International Meetings (Speaker or Panelist)

Rectum and Rectosigmoid Cancer Symposium: The Combination of Irradiation and Surgery, Gilbert H. Fletcher M.D., Chairman 14 th International Congress of Radiology Rio De Janeiro, Brazil	1977
Colorectal Cancer – Pre and Post-operative Radiation 12 th International Cancer Congress Buenos Aires, Argentina	1978
Colorectal Carcinoma – Postoperative Irradiation; Gastric Cancer – Radiation Therapy Indications and Results Venezuela Meeting on Gastrointestinal Cancer Caracas, Venezuela	1979
Gastric Cancer – Chemoradiation Results UK Gastric Cancer Working Group Lygan Arms, England	1980
Radiotherapy of Colorectal Cancer 15 th International Congress of Radiology Brussels, Belgium	1981
Intraoperative Irradiation of Gastro-intestinal Tract Tumours British Association for Cancer Research/British Institute of Radiology London, England	1981

Gastrointestinal Cancer – Interactions of Surgery and Irradiation 13 th International Cancer Congress Seattle, Washington	1982
Intraoperative Irradiation for Colorectal Cancer, European Society of Radiation Oncology Jerusalem, Israel	1984
Gastrointestinal Cancer – New Developments in Radiotherapy; Rectosigmoid Cancer – Role of Radiotherapy Belgium Society of Radiation Oncology Leuven, Belgium	1984
Gastrointestinal Cancer – Local Control and Survival 3 rd Rome International Symposium Rome, Italy	1985
Anal Cancer 16 th International Congress of Radiology Hawaii	1985
Rectal Cancer – Combined Treatment Approaches Gastrointestinal Cancer Symposium European Organization for Research and Treatment of Cancer Heidelberg, Germany	1986
Intraoperative Irradiation – Colorectal Cancer, Future Perspectives International Conference on Intraoperative Irradiation Toledo, Ohio	1986
Colorectal Cancer French National Cancer Institute Oncology Course Montpellier, France	1986
Gastric Cancer, Colorectal Cancer Congress on Digestive Tract Cancer Martinique	1987
Intraoperative Irradiation – Pancreas Cancer International Workshop on Radiodiagnostic and Integrated Oncotherapy Rome, Italy	1987
Rectal Cancer – Use of Irradiation in Combined Modality Approaches IORT – Indications and Results, Locally Advanced Colorectal Cancer International Workshop on Radiodiagnostic and Integrated Oncotherapy Rome, Italy	1988
Colorectal Cancer and IORT, The Mayo Clinic Experience; IORT in Retroperitoneal Sarcoma Second International Symposium on Intraoperative Irradiation Innsbruck, Austria	1988

Colorectal Cancer – Adjuvant; Intraoperative Irradiation 17 th International Congress of Radiology Paris, France	1989
Intraoperative Irradiation – Colorectal Cancer, Mayo Clinic Experience Satellite Symposium on Intraoperative Radiation Therapy Montpellier, France	1989
Recto-sigmoid Cancer – Role of Radiotherapy; for Gastrointestinal Cancer Spanish Association of Radiotherapy and Oncology Santiago de Compostela, Spain	Radiotherapy 1989
Rectal Cancer – Postoperative Irradiation Symposium on Anal and Rectal Tumors; Honoring Professor Papillon Lyon, France	1990
Colorectal Cancer – Indications and Results of IORT; Pancreas and Biliary Tract Cancer – Results of IORT; IORT for Retroperitoneal Malignancies Third International Symposium on Intraoperative Irradiation Kyoto, Japan	1990
IORT for Colorectal Cancer; IORT for Pancreas and Biliary Tract Cancer Tsukuba Satellite Symposium on Intraoperative Irradiation Tsukuba, Japan	1990
Gastrointestinal Cancer Eighth Congress of CRILA Puerto Rico	1992
Current Status of Adjuvant Therapy of Rectal Carcinoma International Gastrointestinal Cancer Symposium Frankfurt, Germany	1992
Colorectal Cancer – Impact of Sequencing of Multimodal Therapy Fourth International Symposium on Intraoperative Irradiation Munich, Germany	1992
Gastrointestinal Cancer – Radiochemotherapy in the Treatment of Cancer of the Pancreas and Stomach; Radiotherapy in the Treatment of Colorectal Cancer; Intraoperative Radiotherapy Tenth National Turkish Cancer Congress Istanbul, Turkey	1993
Gastric Cancer: Patterns of Relapse; Combined Modality Therapy Southwest Oncology Group, U.S./Japan Symposium on Esophagus and Gastric Cancer Hawaii	1993

Rectal Cancer – Adjuvant and Recurrent Rectal Cancer Symposium Florence, Italy	1994
Genitourinary Cancer, Sarcoma, IOERT/IOHT Fifth International Symposium on Intraoperative Irradiation Lyon, France	1994
Gastric Cancer International Gastrointestinal Cancer Symposium Cologne, Germany	1995
Colorectal Cancer, Gastric Cancer 12 th Asia Cancer Conference Singapore	1995
Colorectal Cancer, Pancreas Cancer, Anal Cancer Chemotherapy and Irradiation Symposium Madrid, Spain	1996
Intraoperative Irradiation – Recurrent Colorectal Cancer Sixth International Intraoperative Irradiation Symposium San Francisco, California	1996
Intraoperative Irradiation – Colorectal/Gynecologic Cancer, Sarcoma Locally Advanced Pelvic Malignancy Symposium Florence, Italy	1997
Radiotherapy in Rectal Cancer First Nordic Symposium on Colorectal Cancer Sorrento, Italy	1998
Colorectal Cancer – Pre or Postop Combined Modality Treatment; Concurrent Chemo-radiation in Anal Cancer Cirulo de Radioterapeutas Ibero Latino Americanos (CRILA) Pucon, Chile	1998
Controversies in the Treatment of Colorectal Cancer – Co-Chair Third International Conference Gastrointestinal Malignancies Koln, Germany	1998
Intraoperative Irradiation – Mayo Clinic Results Sixth International Meeting on Progress in Radiation Oncology Salzburg, Austria	1998
Future of IORT International Society for Intraoperative Irradiation (ISIORT) Pamplona, Spain	1998

Gastric Cancer, Esophagus Cancer U.S. Japan Cancer Symposium Hiroshima, Japan	1999
Conformal Irradiation for Hepatobiliary Cancer; Radiotherapy of Pancreatic Cancer International Conference on Pancreas and Hepatobiliary Cancer Amsterdam, Netherlands	1999
Pancreas and Hepatobiliary Cancer – Chemoradiation for Adjuvant and Locally Advanced Disease 6 th International Conference on Gastrointestinal Cancer Charlottesville, VA	1999
Presidential Address International Society of Intraoperative Radiation Therapy, 2 nd International Conference Boston, Massachusetts	2000
Gastric Cancer – Chemoradiation as a Component of Treatment SOLCA International Cancer Congress Guayaquil, Ecuador	2001
Gastric Cancer – Radiotherapy Indications, Results and Techniques GI Cancer – RTOG Protocols and Results in the 90's 11 th Congress of Spanish Association Radiation Oncology Murcia, Spain	2001
Colorectal Cancer – Sphincter Preservation European Oncology Masterclass Closed Circuit Television Symposium	2002
Intraoperative Irradiation Advances; Colorectal Cancer International Symposium, Radiological Medicine Taipei, Taiwan	2002
Future of Intraoperative Irradiation International Society of Intraoperative Irradiation – 3 rd International Conference Aachen, Germany	2002
Gastric Cancer – Chemoradiation, Alive/Well and Here to Stay International Symposium of Gastrointestinal Oncology Arlington, Virginia	2004
Techniques of IORT Delivery: Mobetron vs HDR-IORT vs Linac-based International Society of Intraoperative Irradiation – 4 th International Conference Miami, Florida	2005

Rectal Cancer – Stratifying Risks; Rectal Cancer Panel Discussion; Gastric Cancer and GIST session – Chair and Panelist International Symposium of Gastrointestinal Oncology Arlington, Virginia	2005
Gastric Cancer – Indications for and Results of Radiochemotherapy, Pancreas Cancer – Is Irradiation a Pertinent Component of Combined Modality Treatment? Intraoperative Irradiation – Rationale and Results Brazilian Society of Radiation Oncology Brasilia, Brazil	2005
Rectal Cancer – Who Can be Spared Adjuvant Radiation? International Symposium of Gastrointestinal Oncology Arlington, Virginia	2006
Rectal Cancer ESTRO/ASTRO Panel – Adjuvant Therapy and Delivery European Society of Therapeutic Radiology and Oncology (ESTRO) Leipzig, Germany	2006
Modern Chemoradiation of GI Cancer – Replacement of Surgery? Oslo Cancer Center Symposium Oslo, Norway	2006
Opening Session Moderator; Scientific Committee International Society of Intraoperative Irradiation – 5 th Int'l Conference Madrid, Spain	2008
Rectal Cancer – Redefining Clinical Stage based on Outcomes Data Gastric Cancer – Adjuvant Chemoradiation Should be Recommended International Symposium of Gastrointestinal Oncology Arlington, Virginia	2008
Esophago-Gastric Cancer – Past, Current, Future Chemoradiation Trials Australia/New Zealand Gastrointestinal Cancer Tumor Group Meeting Brisbane, Australia	2009
Past, Present and Future of Intraoperative Irradiation International Society of Intraoperative Irradiation – 6 th International Conf Scottsdale AZ	2010
Pancreas Cancer – Chemoradiation Rationale and Results Japan Society of Therapeutic Radiology and Oncology (JASTRO) Japan	2011
UGI Cancer Panel – Esophago-gastric Cancer New Technologies ESTRO/ASTRO Panel – Proton Beam Therapy European Society of Radiotherapy and Oncology (ESTRO) Barcelona, Spain	2012

NAMED LECTURESHIPS

Colorectal Cancer-Indications for and Results with Radiation Therapy Donald P Shipley Lecture Scripps Clinic and Foundation	03/1985
Indications for and Results of Irradiation as a Component of Treatment for Colorectal Cancer Ethel N Ruvelson Lecture University of Minnesota; Minneapolis, MN	11/1995
Indications for and Results of Combined Modality Treatment of Colorectal Cancer Franz Buschke Lecture University of California, San Francisco 17th Annual Course San Francisco, CA	03/1998
Gastric Cancer - Rationale for and Results of Tri-Modality Treatment with Resection and Chemo-radiation Richard G Evans Memorial Lecture University of Kansas; Lawrence, KS	11/2000

VISITING PROFESSORSHIPS – National and International

Rectal Cancer Rush Presbyterian Hospital Chicago, IL	1982
Tuft's University Boston, MA	1983
Irradiation for Rectal and Upper GI Cancer – Results and Techniques University of Leuven Leuven, Belgium	1984
Scripps Clinic and Foundation LaJolla, CA	1985
Medical College of Wisconsin Milwaukee, WI	1985
Colorectal Cancer University of Kansas Milwaukee, WI	1985
Intraoperative Irradiation – Indications and Results University Hospital Basel, Switzerland	1986
Rectal Cancer – Radiation Therapy Indications and Results Ministry of Health and Singapore General Hospital Singapore	1986

Rectal Cancer – Indications and Results of Irradiation University of Pennsylvania Philadelphia, PA	1987
Intraoperative Irradiation – Indications and Results Vrije University Brussels, Belgium	1989
GI Cancer, Sarcoma University of Florida Gainesville, FL	1990
Adjuvant Irradiation, GI Malignancies; Intraoperative Radiation Therapy University of Arizona Tucson, AZ	1990
Colorectal Cancer, Intra-operative Radiation Therapy Northwestern University Chicago, IL	1991
Intraoperative Radiation Therapy Hahnemann University Philadelphia, PA	1992
Colorectal Cancer –Combined Modality Adjuvant Treatment William Beaumont Hospital Royal Oak, MI	1992
Colorectal Cancer, Intra-operative Radiation Therapy Radium Hospital Oslo, Norway	1993
Colorectal Cancer - Indications for and Results of Chemoradiation IORT as a Component of Treatment Stanford University Medical Center Stanford, CA	1993
Colorectal Cancer –Combined Modality Treatment; Upper GI Cancer Emory University Atlanta, GA	1994
Colorectal Cancer – Results of Combined Modality Treatment University of Texas, M.D. Anderson Cancer Center Houston, TX	1995
Colorectal Cancer – Irradiation as a Component of Treatment University of Minnesota Minneapolis, MN	1995
Colorectal Cancer, Intra-operative Radiation Therapy Athens Hygeia Hospital Athens, Greece	1996

Colorectal Cancer, Upper GI Malignancies – Chemoradiation University of Kentucky Lexington, KY	1996
Intraoperative Radiation Therapy – Indications and Results New York University New York, NY	1997
Upper GI Cancer: Chemo-radiation Indications and Results Cleveland Clinic Cleveland, OH	1999
Gastric Cancer – Rationale for and Results of Tri-modality Treatment University of Kansas Kansas City, KS	2000
Gastric Cancer – Indications for and Results of Multi-modality Treatment University of Pennsylvania Philadelphia, PA	2001
Gastrointestinal Malignancies – Chemoradiation University of Arizona Tucson, AZ	2001
Esophagus and Gastric Cancer Kaiser Permanente Group Los Angeles, CA	2002
Pancreas Cancer – Is Radiation a Pertinent Component of Treatment? Wake Forest University Winston-Salem, NC	2006
Intraoperative Radiation Therapy – Indications and Results University of Arizona Tucson, AZ	2006
Gastric Cancer – Rationale and Results of Adjuvant Chemoradiation Distinguished Alumnus Lecture Massachusetts General Hospital Boston, MA	2006
Esophagus Cancer – Chemoradiation, Primary or Neoadjuvant, Gastric Cancer – Indications for and Results of Chemoradiation, Pancreas Cancer – Is There a Role for Chemoradiation? McGill University Montreal, Canada	2007
Esophago-gastric Cancer – Indications for & Results of Chemoradiation Mayo Clinic in Rochester Rochester, Minnesota	2009

RESEARCH GRANTS AWARDED

Active Grants

Federal

Co-Investigator Major Program Directors (A-2) in: Mayo Comprehensive Cancer Center Grant. Funded by National Cancer Institute. (P30 CA 15083) 03/1993 - 02/2009

Industry

Co-Investigator N044E. Funded by Eli Lilly And Company. (LILLY #86; 1A5964) 03/2006 - 02/2009

Completed Grants

Federal

Principal Investigator Intraoperative Radiotherapy Contract. Funded by National Cancer Institute. (CM-27528-22) 12/1981 - 12/1985

Co-Investigator Mayo Clinic Gastrointestinal Cancer Program Project Grant. Funded by National Cancer Institute. (CA 31224 P1-3, P6) 01/1984 - 12/1990

Co-Investigator Radiation Therapy Oncology Group Grant (RTOG),. Funded by National Cancer Institute (CA 21661-22) 1987 - 2001

Industry

Co-Investigator A Prospective, Open-Label Study of Erythropoietin in Patients with Rectal Cancer Undergoing Neoadjuvant Therapy Followed by Surgical Resection. Funded by Ortho Biotech Products, L.P. (ORTHO #22) 09/2000 - 08/2004

Co-Investigator Pilot Study of Adjuvant Chemoradiation. Funded by Pharmacia Pharmaceuticals. 11/2001 - 10/2006

BOOKS EDITED

1. Cohen AM, Winawer SJ, Friedman MA, Gunderson LL. Cancer of the Colon, Rectum and Anus. New York: McGraw Hill Inc.; 1995. 1154 p.
2. Gunderson LL, Willett CG, Harrison LB, Calvo FA. Intraoperative Irradiation: Techniques and Results. Totowa: Humana Press; 1999. 550 p.
3. Gunderson LL, Tepper JE. Clinical Radiation Oncology. New York: Harcourt Health Sciences, Churchill Livingstone; 2000. 1296 p.
4. Gunderson LL, Tepper JE. Clinical Radiation Oncology. 2nd Edition. Philadelphia: Elsevier/ Churchill Livingstone; 2007. 1827 p.
5. Gunderson LL, Willett CG, Harrison LB, Calvo FA. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer/Humana Press; 2011. 527 pp
6. Gunderson LL, Tepper JE. Clinical Radiation Oncology. 3rd Edition. Philadelphia: Elsevier/ Churchill Livingstone; 2012.1638 pp (Print and Online)

BIBLIOGRAPHY

Peer-reviewed Articles

1. Rosen WC, Basom CR, Gunderson LL. A technique for the light microscopy of tissues fixed for fine structures. *Anat Rec* 1967; 158:223-38.
2. Gunderson LL, Low FN. Perineurium and connective tissues of peripheral nerve. *Am J Vet Res* 1968; 29:455-61.
3. Gunderson LL. Role of radiotherapy in large bowel cancer. *Am J Dig Dis* 1974; 19:1056-1061.
4. Gunderson LL, Weems WS, Herbertson RM, Plenk HP. Correlation of histopathology with clinical results following radiation therapy for carcinoma of the cervix. *American Journal of Roentgenology, Radium Therapy & Nuclear Medicine* 1974; 120:74-87.
5. Gunderson LL, Sosin H. Areas of failure found at reoperation (second or symptomatic look) following "curative surgery" for adenocarcinoma of the rectum. Clinicopathologic correlation and implications for adjuvant therapy. *Cancer* 1974; 34:1278-92.
6. Gunderson LL. Radiation therapy: results and future possibilities. *Clin Gastroenterol* 1976; 5:743-76.
7. Gunderson LL. Combined irradiation and surgery for rectal and sigmoid carcinoma. *Curr Probl Cancer* 1976; 1:40-53.
8. Brown RC, Gunderson LL, Plenk HP. Medulloblastoma: A review of the LDS Hospital experience. *Cancer* 1977; 40:56-60.
9. Freund H, Gunderson LL, Krause R, Fischer IE. Prevention of radiation enteritis after abdominoperineal resection and radiotherapy. *Surg Gyn Obst* 1979; 149:206-08.
10. Goitein M, Wittenberg J, Mendioindo M, Doucette J, Friedberg C, Ferrucci J, Gunderson L, Linggood R, Shipley W, Fineberg HU. Prospective study of the value of CT scanning in radiation therapy treatment planning. *Int J Rad Onc Biol Phys* 1979; 5:1787-98.
11. Gunderson LL, Cohen AM, Welch CE. Residual, inoperable or recurrent colorectal cancer. Interaction of surgery and radiotherapy. *Am J Surg* 1980; 139:518-25.
12. Kopelson G, Chu AM, Doucette JA, Gunderson LL. Extra-hepatic biliary tract metastases from breast cancer. *Int J Radiat Oncol Biol Phys* 1980; 6:497-504.
13. Cohen AM, Wood WC, Gunderson LL, Shinnar M. Pathological studies in rectal cancer. *Cancer* 1980; 45:2965-8.
14. Cohen AM, Gunderson LL, Wood WC. Intraoperative electron beam radiation therapy boost in the treatment of recurrent rectal cancer. *Diseases of the Colon & Rectum* 1980; 23:453-5.
15. Gunderson LL, Shipley WU, Biggs P. MGH experiences in intraoperative electron beam radiation. *Cancer Treat Rep* 1981; 65:911-918.
16. Kopelson G, Galdabini J, Warshaw AL, Gunderson LL. Patterns of failure after curative surgery for extra-hepatic biliary tract carcinoma: implications for adjuvant therapy. *Int J Radiat Oncol Biol Phys* 1981; 7:413-7.

17. Cohen AM, Gunderson LL, Welch CE. Selective use of adjuvant radiation therapy in resectable colorectal adenocarcinoma. *Diseases of the Colon & Rectum* 1981; 24:247-51.
18. Gunderson LL. Radiation therapy of gastrointestinal cancer - primary and adjuvant. *Pract Gastroenterol* 1982; 6:7-13.
19. Gunderson LL. Residual, unresectable or recurrent colorectal cancer: external beam + intraoperative irradiation. *Proceedings of Ninth Varian Clinic Users Meeting*. 1982; 31-3.
20. Gunderson LL, Sosin H. Adenocarcinoma of the stomach: areas of failure in a re-operation series (second or symptomatic look) clinicopathologic correlation and implications for adjuvant therapy. *Int J Radiat Oncol Biol Phys* 1982; 8:1-11.
21. Wood WC, Shipley WU, Gunderson LL, Cohen AM, Nardi GL. Intraoperative irradiation for unresectable pancreatic carcinoma. *Cancer* 1982 Mar 15; 49(6):1272-5.
22. Kopelson G, Gunderson LL. Radiation therapy for small bowel carcinoma: report of three patients and review of the literature. *Int J Radiat Oncol Biol Phys* 1982; 8:1055-7.
23. Gunderson LL, Shipley WU, Suit HD, Epp ER, Nardi G, Wood W, Cohen A, Nelson J, Battit G, Biggs PJ, Russell A, Rockett A, Clark D. Intraoperative irradiation: a pilot study combining external beam photons with "boost" dose intraoperative electrons. *Cancer* 1982; 49:2259-66.
24. Cohen AM, Gunderson LL, Welch CE. Radiation therapy of rectal cancer. *World J Surg* 1982; 6:560-8.
25. Gunderson LL, Cohen A, Dosoretz D. Adjuvant and palliative radiation for colorectal cancer in the elderly. *Aging (Milano)* 1983; 24:121-33.
26. Gunderson LL, Tepper JE, Dosoretz DE, Kopelson G, Hoskins RB, Rich TA, Russell AH. Patterns of failure after treatment of gastrointestinal cancer. *Cancer Treat Symp* 1983; 2:181-197.
27. Kopelson G, Gunderson LL. Primary and adjuvant radiation therapy in gallbladder and extrahepatic biliary tract carcinoma. *J Clin Gastroenterol* 1983; 5:43-50.
28. Meyer JE, Dosoretz DE, Gunderson LL, Stark P, Kopans DB. CT evaluation of locally advanced carcinoma of the distal colon and rectum. *J Comput Assist Tomogr* 1983; 7:265-7.
29. Gunderson LL, Tepper JE, Biggs PJ, Goldson A, Martin JK Jr, McCullough EC, et al. Intraoperative with or without external beam irradiation. *Curr Probl Cancer* 1983; 7:1-69.
30. Gunderson LL, Hoskins RB, Cohen AC, Kaufman S, Wood WC, Carey RW. Combined modality treatment of gastric cancer. *Int J Radiat Oncol Biol Phys* 1983; 9:965-75.
31. Gunderson LL, Dosoretz DE, Hedberg SE, Blitzer PH, Rodkey G, Hoskins B, Shipley WU, Cohen AC. Low-dose preoperative irradiation, surgery, and elective postoperative radiation therapy for resectable rectum and rectosigmoid carcinoma. *Cancer* 1983; 52:446-51.
32. Tepper JE, Gunderson LL. Intraoperative radiation therapy of GI tumors. *Appl Radiol* 1983; 21-31.
33. Dosoretz DE, Gunderson LL, Hedberg S, Hoskins B, Blitzer PH, Shipley W, Cohen A. Preoperative irradiation for unresectable rectal and rectosigmoid carcinomas. *Cancer* 1983; 52:814-8.

34. Gunderson LL. Radiation therapy of colorectal cancer. *Int J Radiat Oncol Biol Phys* 1983; 9(S1):62-63.
35. Rich T, Gunderson LL, Lew R, Galdibini JJ, Cohen AM, Donaldson G. Patterns of recurrence of rectal cancer after potentially curative surgery. *Cancer* 1983; 52:1317-29.
36. Gunderson LL, Cohen AC, Dosoretz DD, Shipley WU, Hedberg SE, Wood WC, Rodkey GV, Suit HD. Residual, unresectable, or recurrent colorectal cancer: external beam irradiation and intraoperative electron beam boost +/- resection. *Int J Radiat Oncol Biol Phys* 1983; 9:1597-606.
37. Dosoretz DE, Katin M, Gunderson LL. Residual, unresectable or recurrent colorectal cancer: use of radiation therapy. *Contemp Surg* 1984; 24:25-36.
38. Gunderson LL, O'Connell MJ. Radiation with and without chemotherapy in gastric cancer. *Clin Oncol* 1984; 3:327-342.
39. Boman BM, Moertel CG, O'Connell MJ, Scott M, Weiland LH, Beart RW, Gunderson LL, Spencer RJ. Carcinoma of the anal canal. A clinical and pathologic study of 188 cases. *Cancer* 1984; 54:114-25.
40. Gunderson LL, Martin JK Jr, Earle JD, Byer DE, Voss M, Fieck JM, Kvols LK, Rorie DK, Martinez A, Nagorney DM, O'Connell MJ. Intraoperative and external beam irradiation with or without resection: Mayo pilot experience. *Mayo Clin Proc* 1984; 59:691-9.
41. Tepper JE, Gunderson LL, Orlow E, Cohen AM, Hedberg SE, Shipley WU, Blitzer PH, Rich T. Complications of intraoperative radiation therapy. *Int J Radiat Oncol Biol Phys* 1984; 10:1831-9.
42. Buskirk SJ, Gunderson LL, Adson MA, Martinez A, May GR, McIlrath DC, Nagorney DM, Edmundson GK, Bender CE, Martin JK Jr. Analysis of failure following curative irradiation of gallbladder and extrahepatic bile duct carcinoma. *Int J Radiat Oncol Biol Phys* 1984; 10:2013-23.
43. Martinez A, Gunderson LL. Intraoperative radiation therapy for bladder cancer. *Urol Clin North Am* 1984; 11:693-8.
44. Kaufman BH, Gunderson LL, Evans RG, Burgert EO Jr, Gilchrist GS, Smithson WA. Intraoperative irradiation: a new technique in pediatric oncology. *J Pediatr Surg* 1984; 19:861-2.
45. Hoskins RB, Gunderson LL, Dosoretz DE, Rich TA, Galdabini J, Donaldson G, Cohen AM. Adjuvant postoperative radiotherapy in carcinoma of the rectum and rectosigmoid. *Cancer* 1985; 55:61-71.
46. Martinez A, Edmundson GK, Cox RS, Gunderson LL, Howes AE. Combination of external beam irradiation and multiple-site perineal applicator (MUPIT) for treatment of locally advanced or recurrent prostatic, anorectal, and gynecologic malignancies. *Int J Radiat Oncol Biol Phys* 1985; 11:391-8.
47. Gunderson LL, Sosin H, Levitt S. Extrapelvic colon--areas of failure in a reoperation series: implications for adjuvant therapy. *Int J Radiat Oncol Biol Phys* 1985; 11:731-41.
48. Rominger CJ, Gunderson LL, Gelber RD, Conner N. Radiation therapy alone or in combination with chemotherapy in the treatment of residual or inoperable carcinoma of the rectum and rectosigmoid or pelvic recurrence following colorectal surgery. Radiation Therapy Oncology Group study (76-16). *Am J Clin Oncol* 1985; 8:118-27.

49. Gunderson LL, Martin JK, O'Connell MJ, Beart RW, Kvols LK, Nagorney DM. Residual, recurrent, or unresectable gastrointestinal cancer. Role of radiation in single or combined modality treatment. *Cancer* 1985; 55(S-9):2250-8.
50. Gunderson LL, Russell AH, Llewellyn HJ, Doppke KP, Tepper JE. Treatment planning for colorectal cancer: radiation and surgical techniques and value of small-bowel films. *Int J Radiat Oncol Biol Phys* 1985; 11:1379-93.
51. O'Connell MJ, Gunderson LL, Moertel CG, Kvols LK. A pilot study to determine clinical tolerability of intensive combined modality therapy for locally unresectable gastric cancer. *Int J Radiat Oncol Biol Phys* 1985; 11:1827-31.
52. Gunderson LL, Beart RW, O'Connell MJ. Current issues in the treatment of colorectal cancer. *Crit Rev Oncol Hematol* 1986; 6:223-60.
53. Gunderson LL. Intraoperative irradiation. *Current Therapy in Gastroenterology and Liver Disease* 1986; 2:129-134.
54. Jao SW, Beart RW Jr, Gunderson LL. Surgical treatment of radiation injuries of the colon and rectum. *Am J Surg* 1986; 151:272-7.
55. Duttenhaver JR, Hoskins RB, Gunderson LL, Tepper JE. Adjuvant postoperative radiation therapy in the management of adenocarcinoma of the colon. *Cancer* 1986; 57:955-63.
56. Gunderson LL, Martin JK, O'Connell MJ, Beart RW, Kvols LK, Nagorney DM. Local control and survival in locally advanced gastrointestinal cancer. *Int J Radiat Oncol Biol Phys* 1986; 12:661-5.
57. Beart RW Jr, Martin JK Jr, Gunderson LL. Management of recurrent rectal cancer. *Mayo Clin Proc* 1986; 61:448-50.
58. Martenson JA Jr, Gunderson LL, Buskirk SJ, Nagorney DM, Martin JK, May GR, Bender CE, Tremaine WJ. Hepatic duct stricture after radical radiation therapy for biliary cancer: recurrence or fibrosis? *Mayo Clin Proc* 1986; 61:530-6.
59. Dozois RR, Pezim ME, Gunderson LL. Carcinoma of the rectum: current management. *Surg Clin North Am* 1986; 66:821-32.
60. Tepper JE, Gunderson LL, Goldson AL, Kinsella TJ, Shipley WU, Sindelar WF, Wood WC, Martin JK. Quality control parameters of intraoperative radiation therapy. *Int J Radiat Oncol Biol Phys* 1986; 12:1687-95.
61. Sischy B, Gunderson LL. The evolving role of radiation therapy in the management of colorectal cancer. *CA Cancer J Clin* 1986; 36:351-9.
62. Shaw EG, Blackwell CR, McCullough EC, Gunderson LL. Resident essay award: matching intraoperative electron-beam fields: dosimetric and clinical considerations. *Int J Radiat Oncol Biol Phys* 1987; 13:1303-1307.
63. Gunderson LL, Martin JK, Kvols LK, Nagorney DM, Fieck JM, Wieand HS, Martinez A, O'Connell MJ, Earle JD, McIlrath DC. Intraoperative and external beam irradiation with or without 5-fu for locally advanced pancreatic cancer. *Int J Radiat Oncol Biol Phys* 1987; 13:319-329.
64. Keller EE, Gunderson LL. Bone disease metastatic to the jaws. *J Am Dent Assoc* 1987; 115:697-701.

65. Gunderson LL. Colorectal cancer - indications for and results of radiotherapy. Colloque INSERM 1987; 150:3-28.
66. Jao SW, Beart RW Jr, Reiman HM, Gunderson LL, Ilstrup DM. Colon and anorectal cancer after pelvic irradiation. Diseases of the Colon & Rectum 1987; 30:953-8.
67. Gunderson LL. Combined-treatment approaches in the management of rectal cancer. Recent Results Cancer Res 1988; 110:119-29.
68. Heilmann HP, Gunderson LL. Gastrointestinal sites. Int J Radiat Oncol Biol Phys 1988; 14(S1):S169- S186.
69. Gunderson LL, Martin JK, Beart RW, Nagorney DM, Fieck JM, Wieand HS, Martinez A, O'Connell MJ, Martenson JA, McIlrath DC. Intraoperative and external beam irradiation for locally advanced colorectal cancer. Ann Surg 1988; 207:52-60.
70. Roldan GE, Gunderson LL, Nagorney DM, Martin JK, Ilstrup DM, Holbrook MA, Kvols LK, McIlrath DC. External beam versus intraoperative and external beam irradiation for locally advanced pancreatic cancer. Cancer 1988; 61:1110-6.
71. O'Connell MJ, Gunderson LL, Fleming TR. Surgical adjuvant therapy of rectal cancer. Semin Oncol 1988; 15:138-45.
72. McCullough EC, Gunderson LL. Energy as well as applicator size and shape utilized in over 200 intraoperative electron beam procedures. Int J Radiat Oncol Biol Phys 1988; 15:1041-2.
73. Gunderson LL, Martin JK, Beart RW, Fieck J. Intraoperative radiation for the colorectal cancer. Intraoperative Radiation Therapy 1989; 23:266-273.
74. Gunderson LL, Martin JK, Nagorney DM, Fieck J, Martinez A, Earle JD. Mayo Clinic experience with intraoperative and external beam irradiation +/- resection. Intraoperative Radiation Therapy 1989; 26:287-297.
75. Schild SE, Martenson JA Jr, Gunderson LL, Dozois RR. Long-term survival and patterns of failure after postoperative radiation therapy for subtotally resected rectal adenocarcinoma. Int J Radiat Oncol Biol Phys 1989; 16:459-63.
76. Orkin BA, Dozois RR, Beart RW Jr, Patterson DE, Gunderson LL, Ilstrup DM. Extended resection for locally advanced primary adenocarcinoma of the rectum. Diseases of the Colon & Rectum 1989; 32:286-92.
77. Schild SE, Martenson JA Jr, Gunderson LL, Ilstrup DM, Berg KK, O'Connell MJ, Weiland LH. Postoperative adjuvant therapy of rectal cancer: an analysis of disease control, survival, and prognostic factors. Int J Radiat Oncol Biol Phys 1989; 17:55-62.
78. Allee PE, Tepper JE, Gunderson LL, Munzenrider JE. Postoperative radiation therapy for incompletely resected colorectal carcinoma. Int J Radiat Oncol Biol Phys 1989; 17:1171-6.
79. Coia LR, Wizenberg M, Gunderson LL, Tepper J, Russell A, Mohiuddin M, Haller D, Hoffman J, Kline R. Adenocarcinoma of the rectum and sigmoid. Patterns of Care Study Newsletter. 1990-1991; pp 1-8.
80. Wolff BG, Gunderson LL. Intraoperative radiation therapy for rectal carcinoma. Seminars in Colon & Rectal Surgery 1990; 2:44-47.

81. Ritchey ML, Gunderson LL, Smithson WA, Kelalis PP, Kaufman BH, Telander RL, Evans RG, Kramer SA. Pediatric urological complications with intraoperative radiation therapy. *J Urol* 1990; 143:89-91.
82. Shaw EG, Gunderson LL, Martin JK, Beart RW, Nagorney DM, Podratz KC. Peripheral nerve and ureteral tolerance to intraoperative radiation therapy: clinical and dose-response analysis. *Radiotherapy & Oncology* 1990; 18:247-55.
83. Schray MF, Gunderson LL, Sim FH, Pritchard DJ, Shives TC, Yeakel PD. Soft tissue sarcoma. Integration of brachytherapy, resection, and external irradiation. *Cancer* 1990; 66:451-6.
84. Krook JE, Moertel CG, Gunderson LL, Wieand HS, Collins RT, Beart RW, Kubista TP, Poon MA, Meyers WC, Mailliard JA, Foley JF, Twito DI, Morton RF, Witzig TE, Cha S, Vidyarthi SC. Effective surgical adjuvant therapy for high-risk rectal carcinoma. *N Engl J Med* 1991; 324:709-15.
85. Gunderson LL, Dozois RR. Intraoperative irradiation for locally advanced colorectal carcinomas. *Perspectives in Colon and Rectal Surgery* 1992; 5:1-23.
86. Buskirk SJ, Gunderson LL, Schild SE, Bender CE, Williams HJ Jr, McIlrath DC, Robinow JS, Tremaine WJ, Martin JK Jr. Analysis of failure after curative irradiation of extrahepatic bile duct carcinoma. *Ann Surg* 1992; 215:125-31.
87. de Azevedo JP, Dozois RR, Gunderson LL. Locally recurrent rectal cancer: surgical strategy. *World J Surg* 1992; 16:490-4.
88. Frassica DA, Gunderson LL. Metastatic bone disease. Principles of radiation treatment of bone metastases. *Orthopedics* 1992; 15:579-581.
89. Gunderson LL, O'Connell MJ, Dozois RR. The role of intra-operative irradiation in locally advanced primary and recurrent rectal adenocarcinoma. *World J Surg* 1992; 16:495-501.
90. O'Connell MJ, Gunderson LL. Adjuvant therapy for adenocarcinoma of the rectum. *World J Surg* 1992; 16:510-5.
91. Monson JR, Donohue JH, Gunderson LL, Nagorney DM, Bender CE, Wieand HS. Intraoperative radiotherapy for unresectable cholangiocarcinoma--the Mayo Clinic experience. *Surg Oncol* 1992; 1:283-90.
92. Foo ML, Gunderson LL, Nagorney DM, McIlrath DC, van Heerden JA, Robinow JS, Garton GR, Martenson JA Jr, Cha SS. Patterns of failure in totally resected pancreatic ductal adenocarcinoma treated with adjuvant irradiation +/- 5-fluorouracil. *Int J Radiat Oncol Biol Phys* 1993; 26:483-9.
93. Gunderson LL. Invited commentary regarding neoadjuvant chemotherapy for locally advanced gastric adenocarcinoma. *Oncology* 1993; 7:42-49.
94. Gunderson LL. Adjuvant treatment for rectal cancer: current status. *Oncology* 1993; 7:93-98.
95. Garton GR, Gunderson LL, Webb MJ, Wilson TO, Martenson JA Jr, Cha SS, Podratz KC. Intraoperative radiation therapy in gynecologic cancer: the Mayo Clinic experience. *Gynecol Oncol* 1993; 48:328-32.
96. Martenson JA Jr, Gunderson LL. External radiation therapy without chemotherapy in the management of anal cancer. *Cancer* 1993; 71:1736-40.

97. Gunderson LL, Nagorney DM, McIlrath DC, Fieck JM, Wieand HS, Martinez A, Pritchard DJ, Sim F, Martenson JA, Edmonson JH. External beam and intraoperative electron irradiation for locally advanced soft tissue sarcomas. *Int J Radiat Oncol Biol Phys* 1993; 25:647-56.
98. Gunderson LL. Neoadjuvant chemotherapy for locally advanced gastric adenocarcinoma. *Oncol* 1993; 7:42-49.
99. O'Connor MI, Pritchard DJ, Gunderson LL. Integration of limb-sparing surgery, brachytherapy, and external-beam irradiation in the treatment of soft-tissue sarcomas. *Clin Orthop* 1993; 289:73-80.
100. Garton GR, Gunderson LL, Nagorney DM, Donohue JH, Martin JK, McIlrath DC, Cha SS. High-dose preoperative external beam and intraoperative irradiation for locally advanced pancreatic cancer. *Int J Radiat Oncol Biol Phys* 1993; 27:1153-7.
101. Foo ML, Gunderson LL, Nagorney DM, Van Heerden JA, Burch PA. Pancreatectomy and postoperative chemoradiotherapy: Mayo Clinic experience. *Cancer Bull* 1994; 46:511-517.
102. Gunderson LL. Postoperative radiation therapy for rectal cancer. *Perspectives in Colon and Rectal Surgery* 1994; 7:220-224.
103. Gunderson LL. Preoperative combined modality treatment for rectal cancer. *Oncology* 1994; 8:66-72.
104. Moertel CG, Gunderson LL, Mailliard JA, McKenna PJ, Martenson JA Jr, Burch PA, Cha SS. Early evaluation of combined fluorouracil and leucovorin as a radiation enhancer for locally unresectable, residual, or recurrent gastrointestinal carcinoma. The North Central Cancer Treatment Group. *J Clin Oncol* 1994; 12:21-7.
105. Frydenberg M, Gunderson LL, Hahn RG, Fieck J, Zincke H. Peroperative external beam radiotherapy followed by cytoreductive surgery and intraoperative radiotherapy for locally advanced primary or recurrent renal malignancies. *J Urol* 1994; 152:15-21.
106. Halberg FE, Cosmatis D, Gunderson LL, Noyes RD, Hanks GR, Buswell L, Nagorney DM, Coleman CN. RTOG: 89-06: a phase I study to evaluate intraoperative radiation therapy and the hypoxic cell sensitizer etanidazole in locally advanced malignancies. *Int J Radiat Oncol Biol Phys* 1994; 28:201-6.
107. Smalley SR, Gunderson LL, Reddy EK, Williamson S. Radiotherapy alone in esophageal carcinoma: current management and future directions of adjuvant, curative and palliative approaches. *Semin Oncol* 1994; 21:467-73.
108. O'Connell MJ, Martenson JA, Wieand HS, Krook JE, Macdonald JS, Haller DG, Mayer RJ, Gunderson LL, Rich TA. Improving adjuvant therapy for rectal cancer by combining protracted-infusion fluorouracil with radiation therapy after curative surgery. *N Engl J Med* 1994; 331:502-7.
109. Coia L, Wizenberg M, Hanlon A, Gunderson LL, Haller D, Hoffman J, Kline R, Mohiuddin M, Russell A, Tepper J, Owen J, Hanks G. Evaluation and treatment of patients receiving radiation for cancer of the rectum or sigmoid colon in the United States: Results of the 1989 Patterns of Care Study Process Survey. *J Clin Onc* 1994; 12:954-59.
110. Suzuki K, Gunderson LL, Devine RM, Weaver AL, Dozois RR, Ilstrup DM, Martenson JA, O'Connell MJ. Intraoperative irradiation after palliative surgery for locally recurrent rectal cancer. *Cancer* 1995; 75:939-52.

111. Gunderson LL, Nagorney DM, Martenson JA, Donohue JH, Garton GR, Nelson H, Fieck J. External beam plus intraoperative irradiation for gastrointestinal cancers. *World J Surg* 1995; 19:191-7.
112. Gunderson LL, Burch PA, Donohue JH. The role of irradiation as a component of combined modality treatment for gastric cancer. *J Infus Chemother* 1995; 5:117-24.
113. Aleman BM, Bartelink H, Gunderson LL. The current role of radiotherapy in colorectal cancer. *Eur J Cancer* 1995; 31A:1333-9.
114. Magrini S, Nelson H, Gunderson LL, Sim FH. Sacropelvic resection and intraoperative electron irradiation in the management of recurrent anorectal cancer. *Diseases of the Colon & Rectum* 1996; 39:1-9.
115. Schild SE, Martenson JA, Gunderson LL. Endocavitary radiotherapy of rectal cancer. *Int J Radiat Oncol Biol Phys* 1996; 34:677-82.
116. Gunderson LL, Martenson JA, Haddock MG. Indications for and results of irradiation +/- chemotherapy for rectal cancer. *Ann Acad Med Singapore* 1996; 25:448-59.
117. Suzuki K, Dozois RR, Devine RM, Nelson H, Weaver AL, Gunderson LL, Ilstrup DM. Curative reoperations for locally recurrent rectal cancer. *Diseases of the Colon & Rectum* 1996; 39:730-6.
118. Gunderson LL, Nelson H, Martenson JA, Cha S, Haddock M, Devine R, Fieck JM, Wolff B, Dozois R, O'Connell MJ. Intraoperative electron and external beam irradiation with or without 5-fluorouracil and maximum surgical resection for previously unirradiated, locally recurrent colorectal cancer. *Diseases of the Colon & Rectum* 1996; 39:1379-95.
119. Farouk R, Nelson H, Gunderson LL. Locally advanced rectal cancer. *Curr Probl Surg* 1997; 34:611-676.
120. Gunderson LL, Haddock MG, Nelson H, Cha S, Devine RM, Fieck JM, Wolff BG, Dozois RR, O'Connell MJ. Locally recurrent colorectal cancer: IOERT and EBRT +/-5-FU and maximal resection. *Frontiers of Radiation Therapy & Oncology* 1997; 31:224-8.
121. Gunderson LL, Nelson H, Martenson JA, Cha S, Haddock MG, Devine RM, Fieck JM, Wolff BG, Dozois RR, O'Connell MJ. Locally advanced primary colorectal cancer: IOERT and EBRT +/-5-FU. *Frontiers of Radiation Therapy & Oncology* 1997; 31:204-8.
122. Haddock MG, Petersen IA, Webb MJ, Wilson TO, Podratz KC, Gunderson LL. IORT for locally advanced gynecological malignancies. *Frontiers of Radiation Therapy & Oncology* 1997; 31:256-9.
123. Gunderson LL. Adjuvant chemoirradiation for rectal cancer. *Curr Opin Gastroenterol* 1997; 13:11-17.
124. Schild SE, Gunderson LL, Haddock MG, Wong WW, Nelson H. The treatment of locally advanced colon cancer. *Int J Radiat Oncol Biol Phys* 1997; 37:51-8.
125. Gunderson LL, Nelson H, Martenson JA, Cha S, Haddock M, Devine R, Fieck JM, Wolff B, Dozois R, O'Connell MJ. Locally advanced primary colorectal cancer: intraoperative electron and external beam irradiation +/- 5-FU. *Int J Radiat Oncol Biol Phys* 1997; 37:601-14.
126. Garton GR, Gunderson LL, Webb MJ, Wilson TO, Cha SS, Podratz KC. Intraoperative radiation therapy in gynecologic cancer: update of the experience at a single institution. *Int J Radiat Oncol Biol Phys* 1997; 37:839-43.

127. Tepper JE, O'Connell MJ, Petroni GR, Hollis D, Cooke E, Benson AB 3rd, Cummings B, Gunderson LL, Macdonald JS, Martenson JA. Adjuvant postoperative fluorouracil-modulated chemotherapy combined with pelvic radiation therapy for rectal cancer: initial results of intergroup 0114. *J Clin Oncol* 1997; 15:2030-9.
128. Farouk R, Nelson H, Gunderson LL. Aggressive multimodality treatment for locally advanced irresectable rectal cancer. *Br J Surg* 1997; 84:741-9.
129. Schomberg PJ, Gunderson LL, Moir CR, Gilchrist GS, Smithson WA. Intraoperative electron irradiation in the management of pediatric malignancies. *Cancer* 1997; 79:2251-6.
130. Cohen AM, Minsky BD, Nelson H, Gunderson LL, Michelassi F, Saltz L, Kelsen DP, Willett CG, Arenas RB, Farouk R, Schilsky SL. Adjuvant therapy for colorectal cancer. *Curr Probl Surg* 1997; 34:605-676.
131. Kresl JJ, Bonner JA, Bender CE, Grill JP, Gunderson LL. Postoperative localization of porta hepatis and abdominal vasculature in pancreatic malignancies: implications for postoperative radiotherapy planning. *Int J Radiat Oncol Biol Phys* 1997; 39:51-6.
132. Goes RN, Beart RW Jr, Simons AJ, Gunderson LL, Grado G, Streeter O. Use of brachytherapy in management of locally recurrent rectal cancer. *Diseases of the Colon & Rectum* 1997; 40:1177-9.
133. Foo ML, Gunderson LL, Bender CE, Buskirk SJ. External radiation therapy and transcatheter iridium in the treatment of extrahepatic bile duct carcinoma. *Int J Radiat Oncol Biol Phys* 1997; 39:929-35.
134. Foo ML, Gunderson LL. Adjuvant postoperative radiation therapy +/- 5-FU in resected carcinoma of the pancreas. *Hepatogastroenterology* 1998; 45:613-23.
135. Wong WW, Hirose T, Scheithauer BW, Schild SE, Gunderson LL. Malignant peripheral nerve sheath tumor: analysis of treatment outcome. *Int J Radiat Oncol Biol Phys* 1998; 42:351-60.
136. Farouk R, Glass F, Nelson H, Radice E, Mercill S, Gunderson LL. Accuracy of computed tomography in determining resectability for locally advanced primary or recurrent colorectal cancer. *Am J Surg* 1998; 175:283-8.
137. Kelsen D, Pajak T, Ginsberg R, Gunderson L, Mortimer J, Haller D, Kocha W, Roth J, Estes N, Ajani J, Minsky B. Chemotherapy followed by surgery versus surgery alone for localized esophageal cancers. *N Engl Med* 1998; 339:1979-84.
138. Gunderson LL, Haddock MG, Burch P, Nagorney D, Foo ML, Todoroki T. Future role of radiotherapy as a component of treatment in biliopancreatic cancers. *Ann Oncol* 1999; 10(S4):291-5.
139. Gunderson LL, Haddock MG, Foo ML, Todoroki T, Nagorney D. Conformal irradiation for hepatobiliary malignancies. *Ann Oncol* 1999; 10(S 4):221-5.
140. Gunderson LL, Petersen IA, Pritchard DJ, Haddock MG, Donohue J, Stafford S, Sim FH, O'Connor MI. Role and methods of irradiation as a component of treatment for extremity and retroperitoneal soft tissue sarcomas. *Probl Gen Surg* 1999; 16:43-61.
141. Gunderson LL. Indications for and results of combined modality treatment of colorectal cancer. *Acta Oncol* 1999; 38:7-21.

142. Edmonson JH, Petersen IA, Shives TC, Rock MG, Haddock MG, Sim FH, Maples WJ, O'Connor MI, Gunderson LL, Foo ML, Pritchard DJ, Buckner JC, Stafford SL, Mahoney MR. Chemotherapy, irradiation, and surgery for function-preserving curative therapy of primary extremity soft tissue sarcomas: initial treatment with I-Map + GM-CSF--preliminary report. *Sarcoma* 1999; 3:60.
143. Miller AR, Martenson JA, Nelson H, Schleck CD, Ilstrup DM, Gunderson LL, Donohue JH. The incidence and clinical consequences of treatment-related bowel injury. *Int J Radiat Oncol Biol Phys* 1999; 43:817-25.
144. Thomas CR Jr, McCullough EC, Gunderson LL. Energy and applicator size and shape used in over 800 intraoperative electron beam therapy fields. *Am J Clin Oncol* 1999; 22:147-9.
145. de Groen PC, Gores GJ, LaRusso NF, Gunderson LL, Nagorney DM. Medical progress - biliary tract cancers. *N Engl J Med* 1999; 341:1368-1378.
146. Coia LR, Gunderson LL, Haller D, Hoffman J, Mohiuddin M, Tepper JE, Berkey B, Owen JB, Hanks GE. Outcomes of patients receiving radiation for carcinoma of the rectum. Results of the 1988-1989 patterns of care study. *Cancer* 1999; 86:1952-8.
147. Radice E, Nelson H, Mercill S, Farouk R, Petty P, Gunderson L. Primary myocutaneous flap closure following resection of locally advanced pelvic malignancies. *Br J Surg* 1999; 86:349-54.
148. Henning GT, Schild SE, Stafford SL, Donohue JH, Burch PA, Haddock MG, Gunderson LL. Results of irradiation or chemoirradiation for primary unresectable, locally recurrent, or grossly incomplete resection of gastric adenocarcinoma. *Int J Radiat Oncol Biol Phys* 2000; 46:109-18.
149. Henning GT, Schild SE, Stafford SL, Donohue JH, Burch PA, Haddock MG, Trastek VF, Gunderson LL. Results of irradiation or chemoirradiation following resection of gastric adenocarcinoma. *Int J Radiat Oncol Biol Phys* 2000; 46:589-98.
150. Weber KL, Nelson H, Gunderson LL, Sim FH. Sacropelvic resection for recurrent anorectal cancer. A multidisciplinary approach. *Clin Orthop* 2000; 372:231-40.
151. De Vreede I, Steers JL, Burch PA, Rosen CB, Gunderson LL, Haddock MG, Burgart L, Gores GJ. Prolonged disease-free survival after orthotopic liver transplantation plus adjuvant chemoirradiation for cholangiocarcinoma. *Liver Transpl* 2000; 6:309-16.
152. Kaya M, de Groen PC, Angulo P, Nagorney DM, Gunderson LL, Gores GJ, Haddock MG, Lindor KD. Treatment of cholangiocarcinoma complicating primary sclerosing cholangitis: the Mayo Clinic experience. *Am J Gastroenterol* 2001; 96:1164-9.
153. Haddock MG, Gunderson LL, Nelson H, Cha SS, Devine RM, Dozois RR, Wolff BG. Intraoperative irradiation for locally recurrent colorectal cancer in previously irradiated patients. *Int J Radiat Oncol Biol Phys* 2001; 49:1267-74.
154. Macdonald JS, Smalley SR, Benedetti J, Hundahl SA, Estes NC, Stemmermann GN, Haller DG, Ajani JA, Gunderson LL, Jessup JM, Martenson JA. Chemoradiotherapy after surgery compared with surgery alone for adenocarcinoma of the stomach or gastroesophageal junction. *N Engl J Med* 2001; 345:725-30.
155. Tepper JE, O'Connell MJ, Niedzwiecki D, Hollis D, Compton C, Benson AB, Cummings B, Gunderson LL, Macdonald JS, Mayer RJ. Impact of number of nodes retrieved on outcome in patients with rectal cancer. *J Clin Oncol* 2001; 19:157-63.

156. Gaspar LE, Winter K, Kocha WI, Pinover WH, Herskovic A, Graham M, Gunderson LL. Swallowing function and weight change observed in a Phase I/II study of external beam radiation, brachytherapy and concurrent chemotherapy in localized cancer of the esophagus (RTOG 9207). *The Cancer Journal* 2001; 7:388-94.
157. Kresl JJ, Schild SE, Henning GT, Gunderson LL, Donohue J, Pitot H, Haddock MG, Nagorney D. Adjuvant external beam radiation therapy with concurrent chemotherapy in the management of gallbladder carcinoma. *Int J Radiat Oncol Biol Phys* 2002; 52:167-75.
158. Edmonson JH, Petersen IA, Shives TC, Mahoney MR, Rock MG, Haddock MG, Sim FH, Maples WJ, O'Connor MI, Gunderson LL, Foo ML, Pritchard DJ, Buckner JC, Stafford SL. Chemotherapy, irradiation, and surgery for function-preserving therapy of primary extremity soft tissue sarcomas - Initial treatment with ifosfamide, mitomycin, doxorubicin, and cisplatin plus granulocyte macrophage-colony-stimulating factor. *Cancer* 2002; 94:786-92.
159. Petersen IA, Haddock MG, Donohue JH, Nagorney DM, Grill JP, Sargent DJ, Gunderson LL. Use of intraoperative electron beam radiotherapy in the management of retroperitoneal soft tissue sarcomas. *Int J Radiat Oncol Biol Phys* 2002; 52:469-75.
160. Taylor WE, Donohue JH, Gunderson LL, Nelson H, Nagorney DM, Devine RM, Haddock MG, Larson DR, Rubin J, O'Connell MJ. The Mayo Clinic experience with multimodality treatment of locally advanced or recurrent colon cancer. *Ann Surg Oncol* 2002; 9:177-85.
161. Smalley S, Gunderson L, Tepper J, Martenson J, Minsky B, Willett C, Rich T. Gastric surgical adjuvant radiotherapy – rationale and treatment implementation. *Int J Rad Oncol Biol Phys* 2002; 52:469-75.
162. SCOPE Steering Committee and Subcommittees. Report of the American Society for Therapeutic Radiology and Oncology Working Group on the Scope of Radiation Oncology (SCOPE). *Int J Radiat Oncol Biol Phys* 2002; 54:317-26.
163. Gunderson LL. Gastric cancer-patterns of relapse after surgical resection. *Semin Radiat Oncol* 2002; 12:150-61.
164. Tepper JE, Gunderson LL. Radiation treatment parameters in the adjuvant postoperative therapy of gastric cancer. *Semin Radiat Oncol* 2002; 12:187-95.
165. Tepper JE, O'Connell M, Niedzwiecki D, Hollis DR, Benson AB, Cummings B, Gunderson LL, Macdonald JS, Martenson JA, Mayer RJ. Adjuvant therapy in rectal cancer: Analysis of stage, sex, and local control - Final report of intergroup 0114. *J Clin Oncol* 2002; 20:1744-50.
166. Gunderson LL, Sargent DJ, Tepper JE, O'Connell MJ, Allmer C, Smalley SR, Martenson JA, Haller DG, Mayer RJ, Rich TA, Ajani JA, MacDonald JS, Goldberg RM. Impact of T and N substages on survival and disease relapse in adjuvant rectal cancer: A pooled analysis. *Int J Radiat Oncol Biol Phys* 2002; 54:386-96.
167. Miller RC, Sargent DJ, Martenson JA, MacDonald JS, Haller D, Mayer RJ, Gunderson LL, Rich TA, Cha SS, O'Connell MJ. Acute diarrhea during adjuvant therapy for rectal cancer: A detailed analysis from a randomized intergroup trial. *Int J Radiat Oncol Biol Phys* 2002; 54:409-13.
168. Hahnloser D, Nelson H, Gunderson LL, Hassan I, Haddock MG, O'Connell MJ, Cha S, Sargent DJ, Horgan A. Curative potential of multimodality therapy for locally recurrent rectal cancer. *Ann Surg* 2003; 237:502-8.

169. Haddock MG, Nelson H, Donohue JH, Taylor WE, Devine RM, Nagorney DM, Wolff BG, O'Connell MJ, Gunderson LL. Intraoperative electron radiotherapy as a component of salvage therapy for patients with colorectal cancer and advanced nodal metastases. *Int J Radiat Oncol Biol Phys* 2003; 56:966-73.
170. Xiong HQ, Gunderson LL, Yao J, Ajani JA. Chemoradiation for resectable gastric cancer. *Lancet Oncology* 2003; 4:498-505.
171. Gunderson LL, Haddock MG, Schild SE. Rectal cancer: Preoperative versus postoperative irradiation as a component of adjuvant treatment. *Semin Radiat Oncol* 2003; 13:419-32.
172. Lavertu S, Schild SE, Gunderson LL, Haddock MG, Martenson JA. Endocavitary radiation therapy for rectal adenocarcinoma: 10-year results. *Am J Clin Oncol* 2003; 26:508-12.
173. Willett CG, Gunderson LL. Palliative treatment of rectal cancer: Is radiotherapy alone a good option? *J Gastrointest Surg* 2004; 8:277-9.
174. Thomas CR, Berkey BA, Minsky BD, Gaspar LE, Herskovic A, Rich TA, Gunderson LL. Recursive partitioning analysis of pretreatment variables of 416 patients with locoregional esophageal cancer treated with definitive concomitant chemoradiotherapy on intergroup and radiation therapy oncology group trials. *Int J Radiat Oncol Biol Phys* 2004; 58:1405-10.
175. Gunderson LL, Sargent DJ, Tepper JE, Wolmark N, O'Connell MJ, Begovic M, Allmer C, Colangelo L, Smalley SR, Haller DG, Martenson JA, Mayer RJ, Rich TA, Ajani JA, MacDonald JS, Willett CG, Goldberg RM. Impact of T and N stage and treatment on survival and relapse in adjuvant rectal cancer: A pooled analysis. *J Clin Oncol* 2004; 22:1785-96.
176. Ajani JA, Mansfield PF, Janjan N, Morris J, Pisters PW, Lynch PM, Feig B, Myerson R, Nivers R, Cohen DS, Gunderson LL. Multi-institutional trial of preoperative chemoradiotherapy in patients with potentially resectable gastric carcinoma. *J Clin Oncol* 2004; 22:2774-80.
177. Martenson JA Jr, Willett CG, Sargent DJ, Mailliard JA, Donohue JH, Gunderson LL, Thomas CR Jr, Fisher B, Benson AB 3rd, Myerson R, Goldberg RM. Phase III study of adjuvant chemotherapy and radiation therapy compared with chemotherapy alone in the surgical adjuvant treatment of colon cancer: results of intergroup protocol 0130. *J Clin Oncol* 2004; 22:3277-83.
178. Hassan I, Shyyan R, Donohue JH, Edmonson JH, Gunderson LL, Moir CR, Arndt CAS, Nascimento AG, Que FG. Intraabdominal desmoplastic small round cell tumors - A diagnostic and therapeutic challenge. *Cancer* 2005; 104:1264-70.
179. Morrell RM, Halyard MY, Schild SE, Ali MS, Gunderson LL, Pockaj BA. Breast cancer - Related lymphedema. *Mayo Clin Proc* 2005; 80:1480-4.
180. Miller RC, Haddock MG, Gunderson LL, Donohue JH, Trastek VF, Alberts SR, Deschamps C. Intraoperative radiotherapy for treatment of locally advanced and recurrent esophageal and gastric adenocarcinomas. *Dis Esophagus* 2006; 19:487-95.
181. Miller RC, Haddock MG, Petersen IA, Gunderson LL, Furth AF. Intraoperative electron-beam radiotherapy and ureteral obstruction. *Int J Radiat Oncol Biol Phys* 2006; 64:792-8.
182. Gervaz P, Lavertu S, Kazemba B, Pemberton JH, Haddock MG, Gunderson LL. Sphincter-preserving radiation therapy for rectal cancer: a simulation study using three-dimensional computerized technology. *Colorectal Disease* 2006; 8:570-4.

183. Rohatgi PR, Mansfield PF, Crane CH, Wu TT, Sunder PK, Ross WA, Morris JS, Pisters PW, Feig BW, Gunderson LL, Ajani JA. Surgical pathology stage by American Joint Commission on Cancer criteria predicts patient survival after preoperative chemoradiation for localized gastric carcinoma. *Cancer* 2006; 107:1475-82.
184. Gunderson LL, Callister M, Marschke R, Young-Fadok T, Heppell J, Efron J. Stratifying risks for patients with localized rectal cancer: Do all Stage II patients require adjuvant radiation or chemoradiation. *Curr Colorectal Cancer Reports* 2006; 2:151-60.
185. Kelsen DP, Winter KA, Gunderson LL, Mortimer J, Estes NC, Haller DG, Ajani JA, Kocha W, Minsky BD, Roth JA, Willett CG, Radiation Therapy Oncology Group, USA Intergroup. Long-term results of RTOG trial 8911 (USA Intergroup 113): a random assignment trial comparison of chemotherapy followed by surgery compared with surgery alone for esophageal cancer. *J Clin Oncol* 2007; 25:3719-25.
186. Callister M, Gunderson LL. Honing therapy for rectal cancer. *Oncology* 2007; 21:1065-75.
187. Ajani JA, Winter KA, Gunderson LL, Pedersen J, Benson AB, Thomas CR, Mayer RJ, Haddock MG, Rich RA, Willett C. Intergroup RTOG 98-11: a phase III randomized study of 5-FU, mitomycin and radiotherapy versus 5-FU, cisplatin and radiotherapy in carcinoma of the anal canal. *JAMA* 2008; 299:1914-21.
188. Corsini MM, Miller R, Haddock MG, Donohue JH, Farnell MB, Nagorney DM, Jatoi A, McWilliams RR, Bhatia S, Kim G, Gunderson LL. Adjuvant radiation and chemotherapy for pancreatic adenocarcinoma: The Mayo Clinic experience. *J Clin Oncol* 2008; 26:3511-16.
189. Mathis KL, Nelson H, Pemberton JH, Haddock MG, Gunderson LL. Unresectable colorectal cancer can be cured with multimodality therapy. *Ann Surg* 2008; 284:592-98.
190. Gunderson LL, Callister M, Marschke R, Young-Fadok T, Heppell J, Efron J. Stratification of rectal cancer stage for selection of postoperative chemoradiation: Current status. *Gastroint Cancer Res* 2008; 2:25-33.
191. Katipamula R, Jatoi A, Foster NR, Nichols F, Rubin J, Callister M, Gunderson L, Alberts S. Premetrexed, carboplatin and concomitant radiation followed by surgery for locally advanced esophageal cancer: Results of a planned interim toxicity analysis of NCCTG study N044E. *Clinical Medicine: Oncology* 2008; 2:223-25.
192. Myerson R, Garofalo M, El Naqa I, Abrams RA, Apte A, Bosch W, Das P, Gunderson LL, Hong T, Kim J, Willett CG, Kachnic LA. Elective clinical target volumes for conformal therapy in anorectal cancer: An RTOG consensus panel contouring atlas. *Int J Rad Onc Biol Phys* 2009; 74:824-30.
193. Ajani JA, Winter KA, Gunderson LL, Pedersen J et al. U.S. intergroup anal carcinoma trial: tumor diameter predicts for colostomy. *J Clin Oncol* 2009; 27:1116-21.
194. Gold DG, Miller RC, Bhatia S, Haddock MG, Gunderson LL, Donohue J, Nagorney D, Quevedo F; Adjuvant therapy for gallbladder carcinoma: The Mayo Clinic experience. *Int J Rad Onc Biol Phys* 2009; 27:1116-21.
195. Schomas DA, Miller RC, Donohue J, Gill S, Thurmes PJ, Haddock MG, Quevedo JF, Gunderson LL. Intraperitoneal treatment for peritoneal mucinous carcinomatosis of appendiceal origin after operative management: long-term followup of the Mayo Clinic experience. *Ann Surg* 2009; 249:588-95.

196. Gunderson LL, Callister MD, Jaroszewski D, Ross H, Borad M, Gray R, Lanza L, Harold K, Pockaj B, Trastek V. Localized gastric or gastro-esophageal cancer – Chemoradiation is a pertinent component of adjuvant treatment for patients at high-risk of relapse. *Gastrointest Cancer Res*, 2009; 3 (Suppl):26-32.
197. Gunderson LL, Jessup JM, Sargent DJ, Greene FL, Stewart A for the AJCC Hindgut Taskforce. Revised TN categorization for rectal cancer based on SEER and rectal pooled analysis outcomes. *J Clin Oncol*, 2010; 28:256-263. Epub 2009 Nov 30.
198. Gunderson LL, Jessup JM, Sargent DJ, Greene FL, Stewart A for the AJCC Hindgut Taskforce. Revised TN categorization for colon cancer based on national survival outcome data. *J Clin Oncol*, 2010; 28:264-271. Epub 2009 Nov 30.
199. Hsu CC, Herman JM, Corsini MM, Winter JM, Callister MD, Haddock MG, Cameron JL, Pawlik TM, Schulick RD, Swartz MJ, Gunderson LL, Miller RC. Adjuvant chemoradiation for pancreatic adenocarcinoma: the Johns Hopkins Hospital – Mayo Clinic Collaborative Study. *Ann Surg Oncol* 2010; 17:981-90. Epub 2010 Jan 20.
200. Ben-Josef E, Moughan J, Ajani JA, Flam M, Gunderson L, Pollock J, Myerson R, Anne R, Rosenthal SA, Willett C. Impact of overall treatment time on survival and local control in patients with anal cancer: a pooled data analysis of Radiation Therapy Oncology Goru[trials 87-04 and 98-11. *J Clin Oncol* 2010; 28:5061-6. Epub 2010 Oct 18.
201. Haddock MG, Miller RC, Nelson H, Pemberton JH, Dozois EJ, Alberts SR, Gunderson LL. Combined modality therapy including intraoperative electron irradiation for locally recurrent colorectal cancer. *Int J Radiat Oncol Biol Phys* 2011; 79:143-50. Epub 2010 Apr 13.
202. Callister MG, Gunderson LL, Advancements in radiation techniques for gastric cancer. *Journal of National Comprehensive Cancer Network (JNCCN)* 2010; 8:428-35.
203. Ajani JA, Winter KA, Gunderson LL, Pedersen J, Benson AB 3rd, Thomas CR Jr, Mayer RJ, Haddock MG, Rich TA, Willett CG. Prognostic factors derived from a prospective database dictate clinical biology of anal cancer: Intergroup Trial RTOG 98-11. *Cancer* 2010; 116:4007-13.
204. Hallemeier CL, Botros M, Corsini MM, Haddock MG, Gunderson LL, Miller RC. Preoperative CA 19-9 level is an important prognostic factor in patients with pancreatic adenocarcinoma treated with surgical resection and adjuvant concurrent chemoradiotherapy. *Am J Clin Oncol* 2011; 34:567-72.
205. Samuelian JM, Callister MD, Ashman JB, Young-Fadok TM, Borad MJ, Gunderson LL. Reduced acute bowel toxicity in patients treated with intensity-modulated radiotherapy for rectal cancer. *Int J Radiat Oncol Biol Phys* 2012; 82:1981-7. Epub 2011 Apr 7.
206. Hallemeier CL, Choo R, Davis BJ, Pisansky TM, Gunderson LL, Leibovich BC, Haddock MG. Long-term outcomes after maximal surgical resection and intraoperative electron radiotherapy for locoregionally recurrent or locoregionally advanced primary renal cell carcinoma. *Int J Radiat Oncol Biol Phys* 2012; 82:1938-43. Epub 2011 Apr 20.
207. Curtis KK, Ashman JB, Beauchamp CP, Schwartz AJ, Callister MD, Dueck AC, Gunderson LL, Fitch TR. Neoadjuvant chemoradiation compared to neoadjuvant radiation alone and surgery alone for Stage II and III soft tissue sarcoma of the extremities. *Radiat Oncol* 2011; 6:91-__.
208. Smalley SR, Benedetti JK, Haller DG, Hundahl SA, Estes NC, Ajani JA, Gunderson LL, Goldman B, Martenson JA, Jessup JM, Stemmermann GN, Blanke CD, Macdonald JS. Updated ananlysis of SWOG-directed Intergroup Study 0116: A Phase III trial of adjuvant radiochemotherapy versus observation after curative gastric cancer resection. *J Clin Oncol* 2012 May 14 (Epub ahead of print)

Non-peer-reviewed Articles

1. Gunderson LL, Martenson JA. Irradiation of adenocarcinomas of the gastrointestinal tract malignancies. *Frontiers of Radiation Therapy & Oncology* 1988; 22:127-48.
2. Gunderson LL, Martenson JA Jr. Gastrointestinal tract radiation tolerance. *Frontiers of Radiation Therapy & Oncology* 1989; 23:277-98, discussion 299-301.
3. Pritchard DJ, Schray MF, Gunderson LL, Sim FH. New techniques in the management of soft tissue tumors: combined surgery and radiation therapy. *Chir Organi Mov* 1990; 75(S-1):144-5.
4. Gunderson LL, Martenson JA, Dozois RR. Rectal cancer: indications for and results of postoperative adjuvant irradiation +/- chemotherapy. *Lyon Chir* 1991; 87:32-37.
5. Gunderson LL, Martenson JA, Kvols LK, Devine RM, Beart RW. Indications for and results of intraoperative irradiation for locally advanced colorectal cancer. *Frontiers of Radiation Therapy & Oncology* 1992; 25:284-306, discussion 330-3.
6. Gunderson LL, Martenson JA. Postoperative adjuvant irradiation with or without chemotherapy for rectal carcinoma. *Semin Radiat Oncol* 1993; 3:1-7.
7. Gunderson LL, Martenson JA, Smalley SR, Garton GR. Lower gastrointestinal cancers: rationale, results, and techniques of treatment. *Frontiers of Radiation Therapy & Oncology* 1994; 28:140-54.
8. Gunderson LL, Martenson JA, Smalley SR, Garton GR. Upper gastrointestinal cancers: rationale, results, and techniques of treatment. *Frontiers of Radiation Therapy & Oncology* 1994; 28:121-39.
9. Gunderson LL, Wolff BG, Cha S, Haddock MG, Schild SE, Devine RM, Martenson JA. Intraoperative irradiation for locally advanced primary and recurrent rectal cancer. *Probl Gen Surg* 1996; 12:93-105.
10. Haddock MG, Petersen IA, Pritchard D, Gunderson LL. IORT in the management of extremity and limb girdle soft tissue sarcomas. *Frontiers of Radiation Therapy & Oncology* 1997; 31:151-2.
11. Gunderson LL, Willett CG, Harrison LB, Petersen IA, Haddock MG. Intraoperative irradiation: current and future status. *Semin Oncol* 1997; 24:715-31.
12. Gunderson LL, Foo M, Haddock M. Role of radiochemotherapy in the management of pancreas cancer. [Spanish]. *Revisiones en Cancer* 1998; 12:78-82.
13. Gunderson LL, Haddock M, Martenson JA. Anal cancer: results with radiochemotherapy. [Spanish]. *Revisiones en Cancer* 1998; 12:83-87.
14. Gunderson LL, Martenson JA, Haddock M. Indications and results in chemoradiotherapy for rectal cancer. [Spanish]. *Revisiones en Cancer* 1998; 12:104-113.
15. Gunderson LL, Petersen IA, Haddock MG. Mayo Clinic IORT results for gastrointestinal, gynecologic and renal cancers and abdominal pelvic sarcomas. *Progress in Radio-Oncology* 1998; 6:431-442.
16. Gunderson LL, Haddock MG, Braich T, Lanza L, Wong WW, Goldberg R, Trastek V. Chemoradiation for esophageal cancer. ASCO Education Book. 2003; p. 441-49.

Book Chapters

1. Kaufman S, Deckers P, Gunderson LL. Cancer of the colon and rectum. In: Cady B, editor. Cancer - A Manual For Practitioners. 5th Edition. American Cancer Society, Massachusetts Division; 1978. p. p. 183-91.
2. Gunderson LL. Radiation oncology - current state of the art part IX. In: Margulis AR, Burhenne HJ, editors. Alimentary Tract Radiology, Abdominal Imaging. Volume III. C. V. Mosby; 1979. p. 593-619.
3. Gunderson LL. Radiation therapy of colorectal carcinoma. In: Advances in Oncology, Research and Education. Volume 9, Digestive Cancer. Proceedings of XII International Cancer Conference - Buenos Aires. Volume 9. Oxford: Pergamon Press; 1979. p. 23-38.
4. Votava C, Gunderson LL. Carcinoma of the rectum and colon. In: Fletcher GH, editor. Textbook of Radiotherapy. 3rd Edition. Philadelphia: Lea and Febiger; 1980. p. 704-16.
5. Dosoretz D, Gunderson LL. Radiation therapy in gastrointestinal tumors. In: Cantor D, et al, editors. Spanish Textbook of Gastroenterology. Barcelona: Salvat Publ; 1982. p. 1317-20.
6. MacDonald JS, Gunderson LL, Adson M. Hepatobiliary cancer. In: DeVita VT, et al, editors. Principles and Practice of Oncology. Philadelphia: J. B. Lippincott; 1982. p. 590-615.
7. MacDonald JS, Gunderson LL, Cohn I. Carcinoma of the stomach. In: DeVita VT, et al, editors. Principles and Practice of Oncology. Philadelphia: J. B. Lippincott; 1982. p. 534-62.
8. MacDonald JS, Gunderson LL, Cohn I. Cancer of the pancreas. In: DeVita VT, et al, editors. Principles and Practice of Oncology. Philadelphia: J. B. Lippincott; 1982. p. 563-89.
9. Sugarbaker P, Gunderson LL, MacDonald JS. Epidermoid carcinoma of the anal region. In: DeVita VT, et al, editors. Principles and Practice of Oncology. Philadelphia: J. B. Lippincott; 1982. p. 724-31.
10. Sugarbaker P, MacDonald JS, Gunderson LL. Colorectal cancer. In: DeVita VT, et al, editors. Principles and Practice of Oncology. Philadelphia: J. B. Lippincott; 1982. p. 643-723.
11. Gunderson LL, Martin JK, Kvols LK. Pancreatic cancer--a multimodality approach. In: Amedola BE, Amedola MA, editors. Recent Trends in Radiation Oncology and Related Fields. New York: Elsevier Science Publishing Co.; 1983. p. 139-48.
12. Gunderson LL, Meyer JE, Sheedy P, Muzenrider JE. Radiation oncology. In: Margolis AR, Burhenne AJ, editors. Alimentary Tract Radiology. Third Edition. St. Louis: C. V. Mosby; 1983. p. 2409-46.
13. Gunderson LL, O'Connell MJ, Beart RW. Colorectal cancer - interactions of surgery, radiation and chemotherapy. In: Amendola B, Amendola M, editors. Proceedings of the University of Michigan 2nd Annual Cancer Conference. New York: Elsevier Science Publ. Co.; 1983. p. 111-26.
14. Gunderson LL, Cohen AC, Dosoretz DE. Adjuvant and palliative radiation for colorectal cancer. In: Yancik R, editor. Prevention and Treatment of Cancer in the Elderly. 1983. p. 121-33.
15. Martinez A, Gunderson LL. Intraoperative radiation therapy for bladder cancer. In Zinke H, editor. Urothelial Cancer. Urol Clin N America. p. 693-98.

16. Gunderson LL, Dosoretz DE, Kopelson G, Tepper JE, Rich TA, Hoskins RB. The place of radiation therapy in the management of gastrointestinal cancer. In: Levin B, Riddell R, editors. *Frontiers in Gastrointestinal Cancer*. New York: Elsevier; 1984. p. 273-90.
17. Gunderson LL, Dosoretz DE, Rich TA, Hoskins RB. Radiation therapy of colorectal cancer. In: Gilbert HA, editor. *Modern Radiation Oncology. Volume II*. Philadelphia: Harper & Row; 1984. p. 245-65.
18. Gunderson LL, Rich TA, Tepper JE, Dosoretz DE, Russell AH, Hoskins RB. Large bowel cancer - utility of radiation therapy. In: Decosse JJ, Sherlock P, editors. *Clinical Management of Gastrointestinal Cancer*. Boston: Martinus Nijhoff Publishers; 1984. p. 189-219.
19. Cady B, MacDonald JS, Gunderson LL. Cancer of the hepatobiliary system. In: Devita Jr. VT, Hellman S, Rosenberg SA, editors. *Cancer: Principles and Practice of Oncology*. 2nd Edition. Philadelphia: Lippincott; 1985. p. 741-70.
20. Coffey R, Gunderson LL, Weiland L. Anal cancer. In: Schein P, editor. *Textbook of Medical Oncology*. 1985. p. 917-28.
21. Coffey RJ Jr, Gunderson LL. Neoplasms of the anus. In: Calabresi P, Schein PS, Rosenberg SA, editors. *Medical Oncology: Basic Principles and Clinical Management of Cancer*. New York: Macmillan Publishing Co.; 1985. p. 917-28.
22. MacDonald JS, Cohn I Jr, Gunderson LL. Cancer of the stomach. In: Devita Jr. VT, Hellman S, Rosenberg SA, editors. *Cancer: Principles and Practice of Oncology*. 2nd Edition. Philadelphia: Lippincott; 1985. p. 659-90.
23. Martin JK Jr, Gunderson LL. Intraoperative radiation for carcinoma of the pancreas. In: Najarian JS, Delaney JP, editors. *Advances in Hepatic, Biliary and Pancreatic Surgery*. Chicago: Year Book Med. Publ.; 1985. p. 169-75.
24. Gunderson LL, Martin JK, Beart RW. Intraoperative radiation for cancer of the colon and rectum. In Nealon TF, editor. *Controversies in the Diagnosis and Management of Cancer of the Breast and of the Rectum*. Philadelphia: JB Lippincott. *Current Prob Surgery* 1985; 2:252-62.
25. Sugarbaker PH, Gunderson LL, Witten RE. Cancer of the anal region. In: Devita Jr. VT, Hellman S, Rosenberg SA, editors. *Cancer: Principles and Practice of Oncology*. 2nd Edition. Philadelphia: Lippincott; 1985. p. 885-94.
26. Sugarbaker PH, Gunderson LL, Witten RE. Colorectal cancer. In: Devita Jr. VT, Hellman S, Rosenberg SA, editors. *Cancer: Principles and Practice of Oncology*. 2nd Edition. Philadelphia: Lippincott; 1985. p. 795-884.
27. Gunderson LL, Rich TA, Tepper JE. Radiation therapy of gastrointestinal cancer. Chap. 20. *Radiation oncology*. In: McKenna RJ, Murphy GP, editors. *Fundamentals of Surgical Oncology*. New York: Macmillan Publ. Co.; 1986. p. 282-92.
28. Gunderson LL, Rich TA. Large bowel cancer: indications for and results of radiation as primary or adjuvant treatment. In: Phillips T, Wara W, editors. *Radiation Oncology Annual*, 1986. New York: Raven Press; 1986. p. 129-50.
29. Gunderson LL. Therapeutic options: radiotherapy. In: Priestman TH, Fielding JNL, editors. *Gastrointestinal Oncology*. Castle House Publications; 1986. p. 17-25.

30. Rich TA, Gunderson LL. The role of radiation therapy in colorectal cancer. In: Steele Jr. G, Osteen RT, editors. *Colorectal Cancer: Current Concepts in Diagnosis and Treatment*. New York: Marcel Dekker, Inc.; 1986. p. 187-218.
31. Gunderson LL, Martenson JA. Radiation therapy in colorectal cancer. In: Carbone P, et al, editors. *Current Therapy in Hematology/Oncology*. 3rd Edition. B. C. Decker, Inc.; 1987. p. 194-200.
32. Gunderson LL, Shipley WU, Kopelson G. Pancreatic and hepatobiliary cancer. In: Brady LW, Perez CA, editors. *Principles and Practice of Radiation Oncology*. Philadelphia: Lippincott; 1987. p. 801-12.
33. Gunderson LL. Gastric cancer. In: Perez CA, Brady LW, editors. *Principles and Practice of Radiation Oncology*. Philadelphia: J. B. Lippincott Co.; 1987. p. 793-800.
34. Gunderson LL. Colorectal cancer. In: Perez CA, Brady LW, editors. *Principles and Practice of Radiation Oncology*. Philadelphia: J. B. Lippincott Co.; 1987. p. 813-29.
35. Bos GD, Ebersold MJ, McLeod RA, Gunderson LL, Hermann RC Jr, Sim FH, Cass JR. Lesions of the spine. In: Sim FH, editor. *Diagnosis and Management of Metastatic Bone Disease: A Multidisciplinary Approach*. New York: Raven Press; 1988. p. 221-36.
36. Edmonson JH, Sim FH, Gunderson LL, Frassica FJ, Cooper KL. Bone and soft-tissue sarcoma. In: Sim FH, editor. *Diagnosis and Management of Metastatic Bone Disease: A Multidisciplinary Approach*. New York: Raven Press; 1988. p. 319-26.
37. Frytak S, McLeod RA, Gunderson LL, Pritchard DJ, Unni KK. Lung cancer. In: Sim FH, editor. *Diagnosis and Management of Metastatic Bone Disease: A Multidisciplinary Approach*. New York: Raven Press; 1988. p. 365-71.
38. Gunderson LL, Martin JKJ, Nagorney DM, Martenson JAJ, Fieck J, Beart RWJ, Mcillrath DC. Intraoperative irradiation for gastrointestinal cancers. In: Levin B, editor. *Gastrointestinal Cancer: Current Approaches to Diagnosis and Treatment*. Volume 30. Austin, TX: University of Texas Press; 1988. (Annual Clinical Conference on Cancer.). p. 177-90.
39. Gunderson LL, Shipley WU, Martenson JA Jr. A. Upper gastrointestinal tract cancer. In: Wang CC, editor. *Clinical Radiation Oncology: Indications, Techniques and Results*. Littleton, Mass: PSG Publ. Com; 1988. p. 237-49.
40. Hay ID, Rock MG, Sim FH, Swee RG, Unni KK, Gunderson LL. Thyroid cancer. In: Sim FH, editor. *Diagnosis and Management of Metastatic Bone Disease: A Multidisciplinary Approach*. New York: Raven Press; 1988. p. p. 305-18.
41. Keller EE, Gunderson LL. Lesions of the jaw. In: Sim FH, editor. *Diagnosis and Management of Metastatic Bone Disease: A Multidisciplinary Approach*. New York: Raven Press; 1988. p. p. 245-9.
42. Martenson JA, Gunderson LL, Buskirk SJ. Intraoperative radiation therapy of gastrointestinal cancer. In: Radioterapia e Trattamenti Integrati. 1988. p. 125-32.
43. Martenson JA, Gunderson LL. The role of radiotherapy in the adjuvant treatment of rectal carcinoma. Radioterapia e Trattamenti Integrati 1988; 115-124.
44. O'Connell MJ, Gunderson LL, Beabout J, Pritchard DJ, Wold LE. Gastrointestinal cancer. In: Sim FH, editor. *Diagnosis and Management of Metastatic Bone Disease: A Multidisciplinary Approach*. New York: Raven Press; 1988. p. p. 291-6.

45. Schray MF, Gunderson LL. Principles of radiation therapy. In: Sim FH, editor. Diagnosis and Management of Metastatic Bone Disease: A Multidisciplinary Approach. New York: Raven Press; 1988. p. p. 141-6.
46. MacDonald JS, Steele G Jr, Gunderson LL. Cancer of the stomach. In: DeVita Jr. VT, Hellman S, Rosenberg SA, editors. Cancer: Principles & Practice of Oncology. 3rd Edition. Philadelphia: J. B. Lippincott Company; 1989. p. 765-99.
47. Welch CE, Gunderson LL. Combined abdominoperineal resection for cancer of the rectum with intraoperative electron beam radiation. In: Cordiano C, Nardi GL, editors. Color Atlas of Gastrointestinal Surgery. Volume 1. Padua: Piccin Nuova Libraria; 1989. p. 375-93.
48. Gunderson LL, Martin JK, Beart RW, Fieck J. Intraoperative radiation for colorectal cancer. In Abe M, Dobelbower R. Intraoperative Radiation Therapy. CRC Press Inc 1989; p. 265-73.
49. Gunderson LL, Martin JK, Nagorney DM, Fieck J, Martinez A, Earle JD. Intraoperative and external beam irradiation +/- resection – Mayo Clinic experience. In Abe M, Dobelbower R. Intraoperative Radiation Therapy. CRC Press Inc 1989; p. 287-97.
50. Garton GR, Donohue JH, Gunderson LL, Podratz KC, Martenson JA, McIlrath DC. IORT for gynecologic malignancies and soft tissue sarcomas. In: Abe M, editor. Intraoperative Radiation Therapy. New York: Pergamon Press Inc.; 1991. p. 368-70.
51. Gunderson LL, Nagorney DM, Garton GR, Donohue JH, Martin JK, McIlrath DC. Pancreas and bile duct cancer - results of IORT. In: Abe M, editor. Intraoperative Radiation Therapy. New York: Pergamon Press Inc.; 1991. p. 212-4.
52. Martenson JA Jr, Gunderson LL. Adjuvant radiotherapy for cancer of the rectum. In: Econnomou SG, et al, editors. Adjuncts to Cancer Surgery. Philadelphia: Lea and Febiger; 1991. p. 443-51.
53. Gunderson LL, Martenson JA Jr. Cancers of the colon and rectum. In: Levitt SH, Khan FM, Potish RA, editors. Levitt and Tapley's Technological Basis of Radiation Therapy: Practical Clinical Applications. 2nd Edition. Philadelphia: Lea and Febiger; 1992. p. 342-50.
54. Gunderson LL, Willett CG. Pancreas and hepatobiliary tract. In: Peres C, Brady L, editors. Principles and Practice of Radiation Oncology. Philadelphia: J. B. Lippincott; 1992. p. 985-99.
55. Martenson JA Jr, Gunderson LL. Colon and rectum. In: Perez CA, Brady LW, editors. Principles and Practice of Radiation Oncology. 2nd Edition. Philadelphia: J.B. Lippincott Co.; 1992. p. 1000-14.
56. Smalley SR, Gunderson LL. Stomach. In: Perez CA, Brady LW, editors. Principles and Practice of Radiation Oncology. 2nd Edition. Philadelphia: J. B. Lippincott Co.; 1992. p. 970-84.
57. Gunderson LL, Martenson JA. Colorectal cancer: Radiotherapy. In Carbone P, McBrain, editors. Current Therapy in Hematology/Oncology, 4th Edition. BC Decker: Philadelphia. 1992; p. 252-61.
58. Ajani J, MacDonald J, Gunderson LL, Ota D. Current therapy for locoregional and metastatic gastric cancer: gastric center roundtable. In: University of Texas M. D. Anderson Cancer Center Monograph. 1993. p. 6-25.
59. Bourland JD, Gunderson LL, Coster JR, Petersen IA, Dahl RA. Intraoperative hyperthermia via IORT electron applicator cones. In: Schildberg FW, et al, editors. Intraoperative Radiation Therapy. Fourth International Symposium for IORT. Essen: Verlag Die Blaue Eule; 1993. p. 134-9.

60. Coffey RJ, Gunderson LL, MacDonald JS. Neoplasms of the anus. In: Calabresi P, Schein PS, editors. Medical Oncology. 2nd Edition. New York: McGraw-Hill, Inc.; 1993. p. 782-93.
61. Garton GR, Gunderson LL, Webb MJ, Wilson TO, Cha SS, Podratz KC. Intraoperative radiation therapy in gynecologic cancer: an update of the Mayo Clinic experience. In: Schildberg FW, et al, editors. Intraoperative Radiation Therapy. Fourth International Symposium for IORT. Essen: Verlag Die Blaue Eule; 1993. p. 407-10.
62. Gunderson LL, Martenson JA Jr, Smalley SR. Gastrointestinal toxicity. In: John MJ, et al, editors. Chemoradiation: An Integrated Approach to Cancer Treatment. Philadelphia: Lea & Febiger; 1993. p. 430-43.
63. Bourland JD, Gunderson LL, Coster JR, Petersen IA, Dahl RA. Intraoperative hyperthermia via IORT electron applicator cones. In: Schildberg FW, et al, editors. Intraoperative Radiation Therapy. Fourth International Symposium for IORT. Essen: Verlag Die Blaue Eule; 1993. p.134-9.
64. Gunderson LL, Suzuki K, Devine RM, Dozois RR, Martenson JA, Wolff BG, Nelson H. IORT for locally advanced colorectal cancers - results and sequencing issues. In: Schildberg FW, et al, editors. Intraoperative Radiation Therapy. Fourth International Symposium for IORT. Essen: Verlag Die Blaue Eule; 1993. p. 365-72.
65. Garton GR, Gunderson LL, Webb MJ, Wilson TO, Cha SS, Podratz KC. Intraoperative radiation therapy in gynecologic cancer: An update of the Mayo Clinic experience. In: Schildberg FW, et al, editors. Intraoperative Radiation Therapy. Fourth International Symposium for IORT. Essen: Verlag Die Blaue Eule; 1993. p. 407-10.
66. Grotz RL, Pemberton JH, Gunderson LL. Treatment results with radical surgery. In: Cohen AM, et al, editors. Cancer of the Colon, Rectum, and Anus. New York:McGraw-Hill, Inc.; 1995. p. 605-14.
67. Gunderson LL, Donohue JH, Burch PA. Stomach. In: Abelhoff MD, et al, editors. Clinical Oncology. New York: Churchill Livingstone; 1995. p. 1209-41.
68. Gunderson LL, Martenson JA. Colorectal cancer: radiotherapy. In: Brain MC, Carbone PP, editors. Current Therapy in Hematology Oncology. 5th Edition. Saint Louis: Mosby-Year Book, Inc.; 1995. p. 371-84.
69. Gunderson LL, O'Connell MJ. The postoperative chemotherapy/irradiation adjuvant strategy. In: Cohen AM, et al, editors. Cancer of the Colon, Rectum, and Anus. New York: McGraw-Hill, Inc.; 1995. p. 631-45.
70. Gunderson LL, Haddock MG, Foo M. Role of radiation therapy in the management of upper GI cancer. In: Tobias JE, Thomas PRM, editors. Current Radiation Oncology. Volume 3. London: E. Arnold; 1998. p. 177-202.
71. Gunderson LL, Willett CG. Pancreas and hepatobiliary tract. In: Perez CA, Brady LW, editors. Principles and Practice of Radiation Oncology. Third Edition. Philadelphia: Lippincott-Raven Publishers; 1998. p. 1467-88.
72. Martenson JA, Gunderson LL. Colon and rectum. In: Perez CA, Brady LW, editors. Principles and Practice of Radiation Oncology. Third Edition. Philadelphia: Lippincott-Raven Publishers; 1998. p. 1489-510.
73. O'Connor MI, Gunderson LL, Edmonson JH. Multimodality management of malignant soft-tissue tumors. In: Simon MA, Springfield D, editors. Surgery for Bone and Soft-Tissue Tumors. Philadelphia: Lippincott-Raven Publishers; 1998. p. 567-75.

74. Sim FH, Frassica DA, Gunderson LL, Frassica FJ. Management of retroperitoneal malignant soft-tissue tumors. In: Simon MA, Springfield D, editors. *Surgery for Bone and Soft-Tissue Tumors*. Philadelphia: Lippincott-Raven Publishers; 1998. p. 577-83.
75. Smalley SR, Gunderson LL. Stomach. In: Perez CA, Brady LW, editors. *Principles and Practice of Radiation Oncology*. Third Edition. Philadelphia: Lippincott-Raven Publishers; 1998. p. 1449-66.
76. Gunderson LL. Radiotherapy in colorectal cancer. In Jakobsen A, editor. *Colorectal Cancer Current Status and Future Perspectives*. First Nordic Symposium on Colorectal Cancer. 1999. p. 93-122.
77. Calvo FA, Zincke H, Gunderson LL, Aristu J, Gerard JP, Berian JM. Genitourinary IORT. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 421-36.
78. Gieschen HL, Willett CG, Donohue J, Petersen IA, Spiro IJ, Calvo FA, Gunderson LL. Electron or orthovoltage IORT for retroperitoneal sarcomas. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 329-49.
79. Gillette E, Powers BE, Gillette SM, Gunderson LL, Willett CG. Peripheral nerve tolerance: experimental and clinical. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 165-73.
80. Gunderson LL, Calvo FA, Willett CG, Harrison LB, Santos M. General rationale and historical perspective of intraoperative irradiation. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 1-24.
81. Gunderson LL, Willett CG, Calvo FA, Harrison LB. Conclusions and future possibilities--IORT. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 527-36.
82. Gunderson LL, Willett CG, Haddock MG, Nelson H, Azinovic i, Nag S, Calvo FA, Tveit KM, Dobelbower R, Merrick HW. Recurrent colorectal: EBRT with or without IOERT or HDR-IORT. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 273-305.
83. Martenson JAJ, Haddock MG, Gunderson LL. Cancers of the colon, rectum and anus. In: Levitt SH, et al, editors. *Levitt and Tapley's Technological Basis of Radiation Therapy: Clinical Applications*. Third Edition. Philadelphia: Lippincott Williams & Wilkins; 1999. p. 335-47.
84. Nag S, Gunderson LL, Willett CG, Harrison LB, Calvo FA. Intraoperative irradiation with electron-beam or high-dose-rate brachytherapy. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 111-30.
85. Petersen IA, Calvo FA, Gunderson LL, Pritchard DJ, Azinovic I, Haddock MG, Eble M. Extremity and trunk soft tissue sarcomas. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 359-78.
86. Todoroki T, Gunderson LL, Nagorney D. Biliary tract IORT: bile duct and gallbladder. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 223-47.
87. Willett CG, Gunderson LL, Busse PM, Nagorney D, Tepper JE, Calvo FA. IOERT treatment factors: technique, equipment. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 65-85.

88. Willett CG, Shellito PC, Gunderson LL. Primary colorectal EBRT and IOERT. In: Gunderson LL, et al, editors. *Intraoperative Irradiation: Techniques and Results*. Totowa: Humana Press; 1999. p. 249-72.
89. Calvo FA, Martinez-Monge R, Ortiz de Urbina D, Gunderson LL. Stomach cancer. In: Gunderson LL, Tepper JE, editors. *Clinical Radiation Oncology*. New York: Churchill Livingstone; 2000. p. 652-86.
90. Foo ML, Gunderson LL, Urrutia R. Pancreatic cancer. In: Gunderson LL, Tepper JE, editors. *Clinical Radiation Oncology*. New York: Churchill Livingstone; 2000. p. 686-706.
91. Gunderson LL, Donohue JH, Burch PA. Stomach. In: Abeloff MD, et al, editors. *Clinical Oncology*. Second Edition. New York: Churchill Livingstone; 2000. p. 1545-85.
92. Gunderson LL, Willett CG, Calvo FA, Harrison LB. Intraoperative irradiation. In: Gunderson LL, Tepper JE, editors. *Clinical Radiation Oncology*. New York: Churchill Livingstone; 2000. p. 204-17.
93. Martinez AA, Gunderson LL. Part F: Gynecologic tumors overview. In: Gunderson LL, Tepper JE, editors. *Clinical Radiation Oncology*. New York: Churchill Livingstone; 2000. p. 879-85.
94. Tepper JE, Gunderson LL. Part D: Gastrointestinal tumors overview. In: Gunderson LL, Tepper JE, editors. *Clinical Radiation Oncology*. New York: Churchill Livingstone; 2000. p. 644-52.
95. Gunderson LL, Haddock MG, Goldberg R, Burch P, Trastek V, Donohue J, Nelson H. Alimentary cancer. In: Rubin P, editor. *Clinical Oncology: A Multidisciplinary Approach for Physicians and Students*. 8th Edition. Philadelphia: W. B. Saunders Co.; 2001. p. 685-764.
96. Nelson H, Nyam D, Gunderson LL. Recurrent and metastatic colorectal cancer. In Pemberton J, editor. *Shackelford's Surgery of the Alimentary Tract*, 5th Edition. 2001; p. 277-93.
97. Gunderson LL, Nelson H, Haddock MG, Devine R, Wolff B, Dozois R, Schild S, Pemberton J, Young-Fadok T. Treatment of locally advanced primary and locally recurrent colorectal cancer. In: Bleiberg H, et al, editors. *Colorectal Cancer: A Clinical Guide to Therapy*. London: Martin Dunitz; 2002. p. 205-28.
98. Gunderson LL, O'Connell MJ, Pritchard DJ, Haddock MG, Sim F. Gastrointestinal tract. In Heiner J, Kinsella T, Zdeblick A, editors. *Metastatic Disease to the Musculoskeletal System*. St Louis: Quality Medical Publishers. 2002; p 221-32.
99. Jessup JM, Gunderson LL, Greene FL for the Colorectal Cancer Task Force. Small intestine. In Greene FL, et al, editors. *AJCC Cancer Staging Manual*, 6th edition. New York: Springer. 2002; p. 107-12.
100. Jessup JM, Gunderson LL, Greene FL for the Colorectal Cancer Task Force. Colon and rectum. In Greene FL, et al, editors. *AJCC Cancer Staging Manual*, 6th edition. New York: Springer. 2002; p. 113-23.
101. Jessup JM, Gunderson LL, Greene FL for the Colorectal Cancer Task Force. Anus. In Greene FL, et al, editors. *AJCC Cancer Staging Manual*, 6th edition. New York: Springer. 2002; p. 125-30.
102. Merrick HW, Gunderson LL, Calvo FA: Future directions in intraoperative radiation therapy. In *Intraoperative Irradiation*. Ed Merrick H and Thomas C. *Surg Oncol Clinics of N America* 2003; 12:1099-1105.

103. Calvo F., Meirino RM, Gunderson LL, Willett C. Intraoperative Radiation Therapy. In: Perez CA, Brady LW, editors. *Principles and Practice of Radiation Oncology*. 4th Edition. Philadelphia: Lippincott Williams & Wilkins; 2004. p. 428-456.
104. Calvo FA, Viera JC, Gunderson LL, Willett CG. Cancer of the pancreas. In: Perez CA, Brady LW, editors. *Principles and Practice of Radiation Oncology*. 4th Edition. Philadelphia: Lippincott Williams & Wilkins; 2004. p. 1574-88.
105. Gunderson LL, Donohue JH, Alberts SR. Cancer of the stomach. In: Abeloff MD, et al, editors. *Clinical Oncology*. 3rd Edition. Philadelphia: Elsevier Churchill Livingstone; 2004. p. 1819-62.
106. Gunderson LL, Haddock MG, Gervaz PA, Nelson H. Rectal and anal cancers in conformal radiotherapy planning: selection and delineation of lymph node areas tumors. In: Gregoire V, Scalliet P, Ang KK, editors. *Clinical target volumes in conformal and intensity modulated radiation therapy : a clinical guide to cancer treatment*. Berlin: Springer; 2004. p. 187-204.
107. Gunderson LL, Haddock MG. Intraoperative radiotherapy in rectal cancer - Invited commentary. In: Santoro GA, DiFalco G, editors. *Atlas of endoanal and endorectal ultrasonography: staging and treatment options for anorectal cancer*. Milan: Springer-Verlag Italia; 2004. p. 263-273.
108. Jaroszewski DE, Deschamps C, Gunderson LL, Lanza LA, Trastek VF, Pairolo PC. Cancer of the esophagus. In: Kelly KA, Sarr MG, Hinder RA, editors. *Mayo Clinic Gastrointestinal Surgery*. Philadelphia: W. B. Saunders; 2004. p. 57-73.
109. Willett CG, Gunderson LL. Stomach. In: Perez CA, Brady LW, editors. *Principles and Rractice of Radiation Oncology*. 4th Edition. Philadelphia: Lippincott Williams & Wilkins; 2004. p. 1554-73.
110. Gunderson LL, Tepper JE, Calvo FA. Stomach cancer. In: Gunderson LL, Tepper JE, editors. *Clinical Radiation Oncology*. 2nd Edition. Philadelphia: Elsevier Churchill Livingstone; 2007. p. 1019-59.
111. Tepper JE, Gunderson LL. Gastrointestinal tumors. Overview. In: Gunderson LL, Tepper JE, editors. *Clinical Radiation Oncology*. 2nd Edition. Philadelphia: Elsevier Churchill Livingstone; 2007. p. 1007-17.
112. Martenson JA Jr, Haddock MG, Gunderson LL. Cancers of the colon, rectum, and anus. In: Levitt SH, et al, editors. *Technical Basis of Radiation Therapy: Practical Clinical Applications*. 4th rev ed. Berlin: Springer; 2008. p. 545-59.
113. Gunderson LL, Donohue JH, Alberts SR. Cancer of the stomach. In: Abeloff MD, et al, editors. *Abeloff's Clinical Oncology*. 4th Edition. Philadelphia: Churchill Livingstone/Elsevier; 2008. p. 1431-64.
114. Willett CG, Gunderson LL. Stomach. In: Halperin EC, Perez CA, Brady LW, editors. *Principles and Practice of Radiation Oncology*. 5th Edition. Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins; 2008. p. 1318-35.
115. Jessup JM, Gunderson LL, Greene FL for the Hindgut Task Force. Appendix. In Edge S, et al, editors. *AJCC Cancer Staging Manual*, 7th edition. New York: Springer. 2010; p. 133-41.
116. Jessup JM, Gunderson LL, Greene FL for the Hindgut Task Force. Colon and rectum. In Edge S et al, editors. *AJCC Cancer Staging Manual*, 7th edition. New York: Springer. 2010; p. 143-64.
117. Jessup JM, Gunderson LL, Greene FL for the Hindgut Task Force. Anus. In Edge S et al, editors. *AJCC Cancer Staging Manual*, 7th edition. New York: Springer. 2010; p. 165-73.

118. Gunderson LL, Haddock MG, Kapp D, Miller R, Callister M, Gottschalk A. Intraoperative radiation therapy. In Textbook of Radiation Oncology, 3rd Edition. (Ed) Leibel S, Phillips T. WB Saunders, Elsevier. 2010; pp
119. Gunderson LL, Calvo FA, Willett CG, Harrison LB. General rationale and historical perspective of intraoperative irradiation. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 3-26
120. Biggs P, Willett CG, Rutten H, Ciocca M, Gunderson LL, Calvo FA. Intraoperative electron beam irradiation (IOERT): Physics and techniques. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 51-72
121. Nag S, Willett CG, Gunderson LL, Harrison LB, Calvo FA. Intraoperative irradiation with electron-beam, high-dose-rate brachytherapy or electronic brachytherapy: Methodological comparison. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 99-115.
122. Vujaskovic Z, Willett CG, Tepper JE, Kinsella TJ, Gunderson LL. Normal tissue tolerance to IOERT, EBRT or both: Animal studies and clinical. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 119-138.
123. Miller RC, Valentini V, Moss A, Agostino GR, Callister MD, Hong T, Willett CG, Gunderson LL. Pancreas cancer. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 249-71.
124. Todoroki T, Kaiser GM, Sauerwein W, Gunderson LL. Bile duct and gallbladder cancer. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 273-95.
125. Arnold ND, Hong TS, Willett CG, Shellito PC, Haddock MG, Rutten H, Valentini V, Calvo F, Czito B, Gunderson LL. Primary colorectal cancer. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 297-322.
126. Haddock MG, Nelson H, Valentini V, Gunderson LL, Willett CG, Rutten H, Calvo FA, Harrison L, Enker W. Recurrent colorectal cancer. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 323-51.
127. Gunderson LL, Calvo FA, Willett CG, Harrison LB. Conclusions and future possibilities--IORT. In: Gunderson LL, et al, editors. Intraoperative Irradiation: Techniques and Results, 2nd Edition. Springer: Humana Press; 2011, pp 503-18.
128. Gunderson LL, Tepper JE, Calvo FA, Callister MD. Gastric/GE Junction cancer. In: Gunderson LL, Tepper JE, editors. Clinical Radiation Oncology. 3rd Edition. Philadelphia: Elsevier/Churchill Livingstone; 2012. 903-33.
129. Tepper JE, Gunderson LL. Gastrointestinal tumors. Overview. In: Gunderson LL, Tepper JE, editors. Clinical Radiation Oncology. 3rd Edition. Philadelphia: Elsevier/Churchill Livingstone; 2012. 891-902.
130. Gunderson LL, Donohue JH, Alberts SR, Ashman J, Jaroszewski D. Cancer of the stomach. In: Abeloff MD, et al, editors. Abeloff's Clinical Oncology. 5th Edition. Philadelphia: Elsevier/Churchill Livingstone; 2012. In press
131. Gunderson LL, Ashman J., Moss A, Beauchamp C. Contemporary integration of radiation oncology with surgery as combined modality treatment. In Practical Radiation Oncology for Surgeons. Ed C Willett. Surg Clin N Amer. 2012. In Press

Editorials

1. Gunderson LL. Perineal irradiation for rectal cancer? *Int J Radiat Oncol Biol Phys* 1986;12:283-4.
2. Gunderson LL. Adjuvant irradiation of rectal cancer. *Int J Radiat Oncol Biol Phys* 1987;13:141-2.
3. Gunderson LL. Rationale for and results of intraoperative radiation therapy. *Cancer* 1994; 74:537-41.
4. Rich TA, Gunderson LL. Radical nonoperative management of early rectal cancer. *Int J Radiat Oncol Biol Phys* 1995; 31:677-8.
5. Gunderson LL. Past, present, and future of intraoperative irradiation for colorectal cancer. *Int J Radiat Oncol Biol Phys* 1996; 34:741-4.

Audio/Video/CD-ROM/etc.

1. Gunderson LL. Radiation therapy of colorectal cancer. RSNA Refresher Course Taped Production. Oak Brook, IL, RSR 9115, 1979.
2. Gunderson LL. Colorectal cancer - role of radiotherapy. CROS-NCI Videotape on Colorectal Cancer. Jan, 1981.

Abstracts and Letters

1. Allee PE, Gunderson LL, Munzenrider JE. Postoperative radiation therapy for residual colorectal carcinoma. (Abstract 12). *Int J Radiat Oncol Biol Phys* 1981 Sep; 7:1208.
2. Gunderson LL, Shipley WU, Cohen AC, Dosoretz DD, Hedberg SE, Wood WC, Rodkey GV, Suit HD. Residual, unresectable or recurrent colorectal cancer: external beam irradiation and intraoperative electron beam boost resection. (Abst 7). *Int J Radiat Oncol Biol Phys* 1981; 7:1205.
3. Gunderson LL. Radiotherapy of colorectal cancer. *Int J Radiat Oncol Biol Phys* 1981; 7:1191.
4. Dobelbower RR, Gunderson LL, Kopelson G. Upper abdominal malignancies: stomach, pancreas, gallbladder, and biliary tree. (Abstract 102). *Int J Radiat Oncol Biol Phys* 1982 Oct; 8(Suppl 1):48.
5. Gunderson LL. Radiation therapy of colorectal cancer. (Abstract 302). *Int J Radiat Oncol Biol Phys* 1982 Oct; 8(Suppl 1):53.
6. Gunderson LL, O'Connell MJ, Moertel CG, Kvols LK. Sequential chemotherapy and hyperfractionated radiation therapy for locally unresectable gastric cancer: results of a pilot study. (Abstract C- 504). *Proc Annu Meet Am Soc Clin Oncol* 1983 Mar; 2:129.
7. Buskirk SJ, Gunderson LL, Adson MA, Martinez A, May GR, Nagorney DM. Analysis of failure following curative irradiation of gallbladder and extrahepatic bile duct carcinoma. (Abstract 81). *Int J Radiat Oncol Biol Phys* 1983 Oct; 9(Suppl 1):112.
8. Gunderson LL, Martin JK Jr, Earle JD, Byer DE, Voss M, Kelly KA. Intraoperative and external beam irradiation with or without resection, Mayo pilot. (Abstract 80). *Int J Radiat Oncol Biol Phys* 1983 Oct; 9(Suppl 1):111-2.

9. Kaufman JH, Gunderson LL, Evans RG, Gilchrist GS, Burgert EO Jr, Smithson WA. Intraoperative irradiation: a new technique in pediatric oncology. American Pediatric Surgical Association, 1984.
10. Gunderson LL. Radiation therapy of colorectal cancer. (Abstract 505). Int J Radiat Oncol Biol Phys 1984 Oct; 10(Suppl 2):72.
11. Gunderson LL. Intraoperative radiation therapy. Rochester, Minnesota Clinical Reviews 1984 Oct/Nov; 89-90.
12. Bryant M, Martinez A, Pritchard DJ, Gunderson LL, Sim FH, Shives TC, Schray MF, Schomberg PJ. Soft tissue sarcomas of the extremities: morbidity of combined radiation and limb salvage with special emphasis on twice a day fractionation. (Abstract 1). Int J Radiat Oncol Biol Phys 1985 Sep; 11(Suppl 1):87.
13. Gunderson LL, Martin JK Jr, Martinez A, Kvols LK, Nagorney DM, Fieck JM, Earle JD, O'Connell MJ. Intraoperative and external beam irradiation for locally advanced pancreatic cancer. (Abstract 54). Int J Radiat Oncol Biol Phys 1985 Sep; 11(Suppl 1):115.
14. Lingos T, Tepper JE, Gunderson LL, Orlow E, Kaufman SD, Younger J. Adjuvant FAM-RAD-FAM after resection of high-risk gastric carcinoma. (Abstract 55). Int J Radiat Oncol Biol Phys 1985 Sep; 11(Suppl 1):116.
15. Buskirk SJ, Gunderson LL, Nagorney DM, Martenson JAJ, McIlrath DC, Martin JKJ, Tremaine WJ. Analysis of failure following curative irradiation of extrahepatic bile duct carcinoma. Int J Radiat Oncol Biol Phys 1986; 12:120.
16. Krook J, Moertel CG, Wieand H, Collins R, Gunderson LL, Kubista T, Beart RW Jr. Radiation vs sequential chemotherapy-radiation-chemotherapy. (Abstract 318). Proc Annu Meet Am Soc Clin Oncol 1986 Mar; 5:82.
17. Schray MF, Gunderson LL, Sim FH, Pritchard DJ, Shives TC, Yeakel P. Soft-tissue neoplasms: the integration of brachytherapy and external beam irradiation. Endocuriether Hypotherm Oncol 1986 Oct; 2:214-215.
18. Gunderson LL, Collins R, Earle JD, Wieand HS, Moertel CG, Krook J, Martenson JA Jr, Beart RW Jr, Kubista T. Adjuvant treatment of rectal cancer: randomized prospective study of irradiation with or without chemotherapy: a NCCTG Mayo Clinic study. (Abstract 151). Int J Radiat Oncol Biol Phys 1986 Nov; 12(Suppl 1):169.
19. Gunderson LL, Martin JK Jr, Beart RW Jr, Nagorney DM, Fieck J, Wieand HS, Martinez A, O'Connell MJ, Martenson JA Jr. External beam and intraoperative electron irradiation for colorectal cancer. (Abstract 109). Int J Radiat Oncol Biol Phys 1986 Nov; 12(Suppl 1):147-8.
20. Shaw EG, Gunderson LL, Martin JK, Beart RW Jr, Podratz KC. Toxicity and results of intraoperative radiation therapy for primary unresectable and recurrent pelvic malignancies. (Abstract 11). Am J Clin Oncol 1987 Apr; 10:105.
21. Pritchard DJ, Schray MF, Gunderson LL, Sim FH. Combined surgery and radiation therapy for soft tissue sarcomas. Orthopaedic Transactions 1989 Fall; 13:570.
22. Gunderson LL, Martenson JA Jr. Lower gastrointestinal malignancies. (Abstract no. 404). Int J Radiat Oncol Biol Phys 1989 Oct; 17(Suppl 1):100.

23. Martenson JA Jr, Gunderson LL. Upper gastrointestinal malignancies. (Abstract no. 508). Int J Radiat Oncol Biol Phys 1989 Oct; 17(Suppl 1):107.
24. Gunderson LL, Nagorney DM, Garton GR, Donohue JH, Martin JK, McIlrath DC. Pancreas and bile duct cancer--results of IORT. Proceedings, Third International Congress on IORT 1990; 50.
25. Gunderson LL. Adjuvant irradiation +/- chemotherapy for colorectal cancer. Hematology/Oncology Reviews Lectures at Mayo Clinic Jacksonville, March 1-2, 1991 1991; 1-3.
26. Mailliard JA, Moertel CG, Gunderson LL, McKenna PJ. Early evaluation of 5FU plus leucovorin (LV) as a radiation enhancer for gastrointestinal carcinoma. (Abstract-471). Program/Proc Am Soc Clin Oncol 1991 Mar; 10:151.
27. O'Connell MJ, Wieand HS, Krook J, Martenson JA Jr, MacDonald J, Rich T, Haller D, Mayer R, Gunderson LL. Lack of value for methyl-ccnu (MeCCNU) as a component of effective rectal cancer surgical adjuvant therapy. Interim analysis of intergroup protocol 86-47-51. (Abstract 403). Program/Proc Am Soc Clin Oncol 1991 Mar; 10:134.
28. Gunderson LL, Martenson JA Jr. Lower gastrointestinal malignancies. (Abstract 403). Int J Radiat Oncol Biol Phys 1991 Oct; 21(Suppl):96-97.
29. Bourland JD, Gunderson LL, Petersen IA, Dahl RA, Coster JR. Intraoperative hyperthermia via (IORT) electron applicator cones. Strahlenther Onkol 1992; 168:465.
30. Martenson JA Jr, Gunderson LL. Radiation therapy (RT) without chemotherapy in the management of cancer of the anal canal. (Abstract no. 509). Program/Proc Am Soc Clin Oncol 1992 Mar; 11:174.
31. Flam MS, John MJ, Hoffman J, Pajak TF, Conner M, Gunderson LL. Radiation and 5-fluorouracil (5FU) vs radiation, 5FU, mitomycin C (MMC) in the treatment of anal canal carcinoma: preliminary results of a phase III randomized RTOG/ECOG intergroup trial. ASCO Proceedings 1993; 12:192.
32. John M, Flam M, Pajak T, Hoffman J, Savage D, Petrelli N, Myerson R, Rotman M, Mesic J, Swift P, Coia L, Cooper J, Gunderson LL. Is mitomycin-C necessary in the chemoradiation regimen for anal canal carcinoma? Interim results of a phase III randomized intergroup study. Int J Radiat Oncol Biol Phys 1993; 27(Suppl 1):245.
33. O'Connor MI, Pritchard DJ, Gunderson LL. Brachytherapy and surgical excision for treatment of soft tissue sarcomas. Orthopaedic Transactions 1993; 17:166-167.
34. Rich R, O'Connell MJ, Martenson JA Jr, Wieand HS, Krook J, MacDonald J, Haller D, Mayer R, Gunderson LL. Improved therapeutic ratio with protracted venous infusion (pvi) 5-fluorouracil (5FU) during postoperative external beam radiotherapy for high-risk rectal cancer. (Abstract no. 192). Int J Radiat Oncol Biol Phys 1993; 27(Suppl 1):245.
35. Schomberg PJ, Gunderson LL, Moir CR, Gilchrist GS, Smithson WA. Intraoperative electron irradiation in the management of pediatric malignancies. (Abstract no. 1085). Int J Radiat Oncol Biol Phys 1993; 27(Suppl 1):1085.
36. O'Connell MJ, Martenson JA Jr, Rich T, Wieand HS, Krook J, MacDonald J, Haller D, Mayer R, Gunderson LL. Protracted venous infusion (pvi) 5-fluorouracil (5FU) as a component of effective combined modality postoperative surgical adjuvant therapy for high-risk rectal cancer. (Abstract no. 564). Program/Proc Am Soc Clin Oncol 1993 Mar; 12:193.

37. Donohue JH, Gunderson LL, Nagorney DM, Petersen IA, Garton GR, Fieck JM, Grill JP. IORT for retroperitoneal and pelvic sarcomas. *Hepatogastroenterology* 1994; 41:4.
38. Gunderson LL, Willett CG, Harrison LB. Intraoperative radiotherapy-current status-1994. *Int J Radiat Oncol Biol Phys* 1994; 30(Suppl 1):145.
39. Gunderson LL, Zincke H, Robinow JS, Engen DE, Martenson JA, Fieck JM, Cha SS. IORT containing regimens for genitourinary malignancies. *Hepatogastroenterology* 1994; 41:5-6.
40. Petersen IA, Garton GR, Pritchard DJ, Sim FH, Rock MG, Shives TC, Grill JP, Gunderson LL. Intraoperative radiation therapy in the treatment of extremity soft tissue sarcomas. *Hepatogastroenterology* 1994; 41:3-4.
41. Petersen IA, Hermann RC, Bourland JD, Silbert PL, Dahl RA, Gunderson LL. Clinical and electrophysiologic changes in canines after intraoperative irradiation (IORT) and intraoperative hyperthermia (IOHT). *Hepatogastroenterology* 1994; 41:26.
42. Edmonson JH, Gunderson LL, Shives TC, Sim FH, Pritchard D, Rock MG, Garton G, Buckner JC, Petersen IA, Nascimento AG. Preliminary study of concomitant chemotherapy with preoperative irradiation for primary extremity soft tissue sarcomas. (Abstract no. 1673). *Program/Proc Am Soc Clin Oncol* 1994 Mar; 13:480.
43. Gunderson LL, Nelson H, Martenson JA Jr, Haddock MG, Cha J, Fieck J, Devine RM, Wolff BG, Dozois RR, O'Connell MJ. Locally advanced primary and recurrent colorectal cancer: disease control and survival with IOERT containing regimens. (Abstract no. 2009). *Int J Radiat Oncol Biol Phys* 1995; 32(Suppl 1):267.
44. Gunderson LL, Willett CG, Harrison LB. Intraoperative radiotherapy-current status. (Abstract no. 206). *Int J Radiat Oncol Biol Phys* 1995; 32(Suppl 1):120.
45. Gunderson LL. Gastric cancer. Cancer Conference, 12th Asia Pacific, Singapore, Oct 17-20 1995. 1995; p.22.
46. Haddock MG, Gunderson LL, Nelson H, Cha S, Devine RM, Dozois RR, Wolff BG. Intraoperative irradiation for locally recurrent colorectal cancer in previously irradiated patients. (Abstract no. 2011). *Int J Radiat Oncol Biol Phys* 1995; 32(Suppl 1):268.
47. Kresl JJ, Bonner JA, Bender CE, Grill JP, Gunderson LL. Postoperative localization of porta hepatis and abdominal vasculature in pancreatic malignancies: implications for postoperative radiotherapy planning. (Abstract no. 2087). *Int J Radiat Oncol Biol Phys* 1995; 32(Suppl 1):305.
48. Schild SE, Martenson JA Jr, Gunderson LL. Endocavitary radiation therapy for rectal cancer. (Abstract no. 1031). *Radiology* 1995 Nov; 197(Suppl P):295.
49. Haddock MG, Petersen IA, Webb MJ, Wilson TO, Podratz KC, Gunderson LL. Intraoperative radiation therapy for locally advanced gynecological malignancies. (Abstract 2103). *Int J Radiat Oncol Biol Phys* 1996; 36(1 Suppl):328.
50. Petersen IA, Haddock MG, Donohue JH, Nagorney DM, Gunderson LL, Grill JP. Use of intraoperative electron beam radiation therapy (ioert) in the management of retroperitoneal and pelvic soft tissue sarcomas. (Abstract 54). *Int J Radiat Oncol Biol Phys* 1996; 36(1 Suppl):185.
51. Schild SE, Gunderson LL, Haddock MG, Wong WW, Nelson H. The treatment of locally advanced colon cancer. (Abstract 1039). *Int J Radiat Oncol Biol Phys* 1996; 36(1 Suppl):263.

52. Gunderson LL, Willett CG, Harrison LB. Intraoperative radiotherapy--current status. (Abstract 210). *Int J Radiat Oncol Biol Phys* 1997; 39(2 Suppl):121.
53. Henning GT, Schild SE, Stafford SL, Gunderson LL. Results of irradiation or chemoirradiation following resection of gastric adenocarcinoma. (Abstract 2081). *Int J Radiat Oncol Biol Phys* 1997; 39(2 Suppl):281.
54. Wong WW, Hirose T, Scheithauer BW, Gunderson LL, Schild SE. Malignant peripheral nerve sheath tumor: analysis of treatment outcome and prognostic factors. (Abstract 48). *Int J Radiat Oncol Biol Phys* 1997; 39(2 Suppl):158.
55. Haddock MG, Petersen IA, Webb MJ, Wilson TO, Podratz KC, Gunderson LL. Intraoperative radiation therapy for locally advanced gynecological malignancies. (Abstract F50). *Int J Gynecol Cancer* 1999; 9(Suppl 1):119-120.
56. Horgan AF, Nelson H, Sargent DJ, Gunderson LL, Hassan I, Dozois RR, Goldberg RM. Curative potential of multimodality therapy for locally recurrent rectal cancer. (Abstract 1024). *Program/Proc Am Soc Clin Oncol* 1999; 18:266a.
57. Macdonald JS, Smalley S, Benedetti J, Estes N, Haller DG, Ajani JA, Gunderson LL, Jessup M, Martenson JA Jr. Postoperative combined radiation and chemotherapy improves disease-free survival (DFS) and overall survival (OS) in resected adenocarcinoma of the stomach and GE junction. Results of Intergroup Study INT-0116 (SWOG 9008) (Abstract 1). *Program/Proc Am Soc Clin Oncol* 2000; 19:1a.
58. Gunderson LL, Sargent DJ, Tepper J, O'Connell MJ, Allmer C, Smalley SR, Martenson JA, Haller DG, Mayer R, Rich TA. Impact of TNM stage on survival and disease control in adjuvant rectal cancer pooled analysis. *Int J Radiat Oncol Biol Phys* 2001; 51(3 Suppl 1):8-9.
59. Lavertu S, Martenson JA, Schild SE, Gunderson LL, Haddock MG. Endocavitary radiation for rectal adenocarcinoma: 10-Year results. *Int J Radiat Oncol Biol Phys* 2001; 51(3 Suppl 1):269.
60. Tepper JE, O'Connell MJ, Niedzwiecki D, Hollis DR, Mayer RJ, Benson AB, Cummings B, Gunderson LL, Macdonald JS, Martenson J. Final report of INT 0114--adjuvant therapy in rectal cancer: analysis by treatment stage and gender. (Abstract 489). *Program/Proc Am Soc Clin Oncol* 2001; 20(1 of 2):123a.
61. Miller RC, Haddock MG, Petersen IA, Gunderson LL, Further AE. Intraoperative electron beam radiotherapy and human ureteral obstruction (Abstract 2136). *Int J Radiat Oncol Biol Phys* 2004; 60(1 Suppl):S415.
62. Callister MD, Ezzell GA, Gunderson LL. IMRT reduces the dose to small bowel and other pelvic organs in the preoperative treatment of rectal cancer (Abstract 2143). *Int J Radiat Oncol Biol Phys* 2006; 66(3 Suppl):S290.
63. Garofalo MC, Winter K, Regine WF, Rich TA, Komaki R, Tepper JE, Gunderson LL, Willett CG. Recursive partitioning analysis (RPA) of prognostic factors in six Radiation Therapy Oncology Group (RTOG) trials of chemoradiotherapy for unresectable pancreatic cancer (Abstract 144). *Int J Radiat Oncol Biol Phys* 2006; 66(3 Suppl):S80-1.
64. Gunderson LL, Winter KA, Ajani JA, Pedersen JE, Benson AB, Thomas CR, Mayer RJ, Haddock MG, Willett CG, Rich TA. Intergroup RTOG 9811 phase III comparison of chemoradiation with 5-FU and mitomycin vs 5-FU and cisplatin for anal canal carcinoma: impact on disease-free, overall and colostomy-free survival (Abstract 43). *Int J Radiat Oncol Biol Phys* 2006; 66(3 Suppl):S24.

65. Ajani JA, Winter KA, Gunderson LL, Pedersen J, Benson AB, Thomas C, Mayer RJ, Haddock MG, Willett C, Willett C, Rich TA. Intergroup RTOG 98-11: a phase III randomized study of 5-fluorouracil (5-FU), mitomycin, and radiotherapy versus 5-fluorouracil, cisplatin and radiotherapy in carcinoma of the anal canal (Abstract 4009). *J Clin Oncol* 2007; 24(18S):180s.
66. Corsini MM, Miller RC, Haddock MG, Donohue JH, Farnell MB, Nagorney DM, Jatoi A, McWilliams RR, Bhatia S, Gunderson LL. Adjuvant radiation and chemotherapy for pancreatic adenocarcinoma: The Mayo clinic experience. *Int J Radiat Oncol Biol Phys* 2007; 69:S-79.
67. Hsu C, Herman J, Corsini MM, Winter MD, Callister MD, Cameron JL, Pawlik TM, Schulick RD, Swartz MJ, Gunderson LL, Miller RC. Benefit of adjuvant chemoradiation for 1045 cases of pancreatic adenocarcinoma: the Johns Hopkins Hospital – Mayo Clinic Collaborative Study. *GI Cancer Symposium Proceedings*, Oral Abstract # 124, 2008; p. 130.
68. Gunderson LL, Jessup JM, Sargent DJ, Greene FL, Stewart A for the AJCC 7th Ed'n Hindgut Taskforce. TN categorization for rectal and colon cancers based on national survival outcome data. *ASCO 2008 Proceedings*. *J Clin Oncol* 2008; 26:183s.
69. Corsini MM, Miller R, Haddock MG, Donohue JH, Farnell MB, Nagorney DM, Jatoi A, McWilliams RR, Kim G, Gunderson LL. Prognostic factors and impact of postoperative chemoradiotherapy in patients after R1/R2 resection for pancreatic adenocarcinoma: The Mayo Clinic experience. *ARS Abstracts* 2008.
70. Haddock MG, Miller RC, Nelson H, Gunderson LL. Intraoperative electron irradiation for locally recurrent colorectal cancer. *ISIORT 2008 Proceedings*. *Rev. Cancer* 2008; 22:50.
71. Gunderson LL, Moss A, Callister MG, Reddy S, Mulligan D, Mekeel K, Marschke R, Borad M. Preoperative chemoradiation and IOERT for unresectable or borderline resectable pancreas cancer. *ISIORT 2008 Proceedings*. *Rev. Cancer* 2008; 22:32-33.
72. Petersen I, Haddock M, Stafford SL, Donohue JH, Nagorney DM, Gunderson LL. Use of intraoperative radiation therapy in retroperitoneal sarcomas: Update of the Mayo Clinic Rochester Experience. *ISIORT 2008 Proceedings*. *Rev. Cancer* 2008; 22:57.