



Order of Scheduled Presentations:

Novocure (Tumor Treating Fields)

	Name
1	
2	
3	
4	
5	
6	

No requests to provide public comment on the technology review were received.



Novocure (Tumor Treating Fields)

Clinical Expert

Lynne P. Taylor, MD, FAAN, FANA

Neuro-Oncologist Hematology- Oncology Virginia Mason Medical Center, Seattle, WA

Adjunct Associate Professor of Medicine/Neurology Tufts School of Medicine, Boston, MA

Disclosure

Any unmarked topic will be considered a "Yes"

	Potential Conflict Type	Yes	b.
1.	Salary or payments such as consulting fees or honoraria in average of the app	162	No
2.	Equity interests such as stocks, stock options or other ownership interests.		X
3.	Status or position as an officer, board member, trustee, owner.		\rightarrow
4.	Loan or intellectual property rights.		X
5.	Research funding.		K
3.	Any other relationship, including travel arrangements.		×

If yes, list name of organizations that relationship(s) are with and for #6, describe other relationship:

	Potential Conflict Type	Yes	No
7.	Representation: if representing a person or organization, include the name and	103	140
	funding sources (e.g. member dues, governmental/taxes, commercial products or services, grants from industry or government).		X

If yes to #7, provide name and funding Sources:

If you believe that you do not have a conflict, but are concerned that it may appear that you do, you may **attach** additional sheets explaining why you believe that you should not be excluded.

I certify that I have provided js true, c	e read and understand this Conflict of Interest form and that the information I have omplete, and correct as of this date.
X Signature	1/04/2016 LYNE TAYLOR UD Dated Print Name
So we may contact y	ou regarding this information, please provide the following:
Email Address:	LYNNE. TAYLOR COVIRGINIAMASON. ORG
Phone Number:	206,799.6414 (personal cell)

DATE: 9/21/2015

FULL NAME AND DEGREE/S:

Lynne P. Taylor, MD, FAAN, FANA

CITIZENSHIP: Born in Birmingham, England Naturalized US Citizen, 1971

CURRENT ADMINISTRATIVE TITLE:

Neuro-Oncologist Hematology-Oncology Virginia Mason Medical Center

Adjunct Associate Professor of Medicine/Neurology Tufts School of Medicine Boston, MA

OFFICE ADDRESS:

1100 9th Avenue, C2-HEME Seattle, WA 98101

OFFICE PHONE NUMBER:

206-223-6193

E-MAIL ADDRESS:

Lynne.Taylor@vmmc.org

FAX ADDRESS:

206-223-2382

EDUCATION

<u>Undergraduate</u>

1970-71		Northwestern University, Evanston, IL
1971-74	BA	University of Illinois, Chicago, IL (Ed)
1976-78		Northwestern University, Evanston, IL
		(Returned to obtain pre-med courses)

Medical School and/or Graduate School

1978-79		Northwestern University, Chicago, IL
1979-82	MD	Washington University, St. Louis, MO
		(Transferred because of marriage)

POSTDOCTORAL TRAINING

Internship and Residencies:

1982-83	Medicine	Barnes-Jewish Hospital, St. Louis, MO
1983-86	Neurology	Hospital University Pennsylvania, Phil, PA
Fellowships:		
1986-88	Neuro-Oncology	Memorial Sloan-Kettering Cancer Center, NY
Additional tr	aining:	
2009	Multi-disciplinary Pa	alliative Care Week, St. Christopher's Hospice

2010 Clinical Scholar, American Association of Hospice and Palliative Care Medicine, Stanford Hospital, Palo Alto, California

LICENSURE AND CERTIFICATION

Board Certification:

1987	American Board of Psychiatry and Neurology (Neurology) #29900
2011	American Board of Psychiatry and Neurology
	(Hospice and Palliative Medicine) #46
2011	United Council of Neurologic Sub-specialties
	(Neuro-Oncology) #NO287-11

State Licensure:

1982	Missouri
1983	Pennsylvania
1986	New York
1988	Washington, AT25833
2011	Massachusetts, Registration #249706

London, England

ACADEMIC APPOINTMENTS

1990-1992	Clinical Instructor, Neurology, University of Washington, Seattle
1992-2005	Clinical Assistant Professor, Neurology, University of Washington, Seattle
2005-2011	Clinical Associate Professor, Neurology, University of Washington, Seattle
2011-2013	Lecturer, Tufts University School of Medicine, Boston, MA
7/13-7/14	Associate Professor, Department of Medicine, Tufts University School of
	Medicine, Boston, MA
7/13-7/14	Associate Professor, Department of Neurology (secondary), TUSM
3/01/15-	Clinical Associate Professor, Neurology, University of Washington,
	Seattle

HOSPITAL APPOINTMENTS

1988-2011	Virginia Mason Medical Center (VMMC), Seattle, Washington
	Neurologist and Director of Neuro-Oncology
2014-	VMMC, Seattle, Washington
	Director of Neuro-Oncology, Cancer Center
2001-2007	Seattle Cancer Care Alliance, Seattle, WA
1993-2007	Harborview Hospital, Seattle, WA
2011-	Tufts Medical Center, Boston, Massachusetts
2011-2013	New England Sinai Hospital, Boston, Massachusetts
2014	Virginia Mason Medical Center, Seattle, WA
2014	Evergreen Hospital, Kirkland, WA

GRANTS

2013 Innovations in Education Grant "Integrating end-of-life care across the curriculum: Starting the conversation" Tufts Medical School, \$9,200.00

AWARDS AND HONORS

1993	Medicine Teacher of the Month, VMMC
1996	Fellow, American Academy of Neurology
1997	Medicine Teacher of the quarter, VMMC
2003	American Medical Women's Association "Local legends" nominee
2005	Palatucci Advocacy Leadership Forum Advocate, AAN
2007-11	Seattle Magazine, Top Doctors
2009	Palatucci Advocacy Leadership Forum, Advocate, AAN
2009	Huff-Hegstrom Medicine Teacher of the Year, VMMC
2009-2010	Best Doctors Seattle Metropolitan Magazine
2010-11	Seattle Magazine Top Doctor
2010	VMMC Internal Medicine Resident's Top 50 Teachers
2010-13	America's Top Doctor
2011-12	Castle Connolly, Top 1% Neurologists
2010-15	Castle Connolly America's Top Doctors for Cancer
2012	Palatucci Advocacy Leadership Forum, Advisor, AAN
2011-2012	Patients choice awards
2012-13	Boston Magazine "Top Doctors"
2013	Boston Super Doctors (Top 5% in the Boston metro area)
2013	Fellow, American Neurologic Association (ANA)
2014	Castle Connolly, Top Doctors (Neurology)

HOSPITAL, MEDICAL SCHOOL, OR UNIVERSITY COMMITTEE ASSIGNMENTS:

Virginia Mason Medical Center, Seattle, WA

- 1994Executive committee, VMMC, member
- 1996 Utilization review committee, VMMC, member

- 1998-2001 At-large member, Executive committee (elected by peers)
- 2007-2009 Bailey-Boushay AIDs Hospice, Board of Directors, member
- 2009-2011 End-of-life Guiding Team, member
- 2001-2011 Cancer Center Steering Committee, member
- 2003-2009 CARSCOG committees, Stroke care, Director
- 1990-2011 **Director** of Neuro-Oncology
- 1990-2011 Chair, Neuro-Oncology Tumor Board
- 2015- Member, Cancer Committee, Palliative care representative

Tufts Medical Center, Boston, MA

2013- Chair, Working Group in Palliative Care at the request of Dr. Dan
Weiner, Curriculum Committee Chair and Scott Epstein, Dean for Educational Affairs
2013- Neurology Chair Search Committee, member
2012 Cancer Care Committee, Palliative Care member

OTHER MAJOR COMMITEE ASSIGNMENTS:

President, Puget Sound Neurologic Association	
Chair, Data Safety Monitoring Board	
Dr. Marc Chamberlain Bendamustine study	
ACGME Milestone Development for Shared Subspecialtie	es (Hospice and
Palliative Medicine), RRC representative	
American Association of Hospice and Palliative Medicine	e (AAHPM)
Ethics Committee	
American Society of Clinical Oncology (ASCO)	
Ethics Committee	
Dr. Marc Chamberlain Bendamustine study ACGME Milestone Development for Shared Subspecialtic Palliative Medicine), RRC representative American Association of Hospice and Palliative Medicine Ethics Committee American Society of Clinical Oncology (ASCO)	, I

TRAINING OF GRADUATE STUDENTS/POST DOCTORAL

2011-12	Mayanka Tickoo, MD MS-PREP Candidate, TUSM Palliative Care Utilization project
2012-13	Jennifer Harkey, Masters in Biological Science candidate, TUSM, Quality of life in adult survivors of pediatric brain tumors

TRAINING OF FELLOW POST FELLOWSHIP

2012-2013 Marvin Duque, MD Wednesday Neuro-Oncology Clinic 24 hours/month for the academic year (216 hours)

TEACHING RESPONSIBILITIES (present and past) chronological

University of Washington, Seattle, WA

Organized Neurology education at VMMC for University of Washington School of Medicine, Dr. Eric Kraus, Clerkship Director

1990-2002 Introduction to Clinical Medicine Preceptor

Second year medical students, 2 students 8 hours per year

2003-2010 Neurology Clerkship Preceptor 4 week course 12 students per year

Virginia Mason Medical Center, Seattle, WA

- 1998-2011 Outpatient Neurology Elective Internal Medicine Residents Preceptor 12 Residents per year
- 1998-2011 Ward Attending Internal Medicine Residents 2 months per year
- 2009-2012 Weekly Neurology Conference Didactic Four hours/monthly

American Academy of Neurology

1995	AAN Annual Meeting, Seattle, WA. Organized and led a 300 student/teacher symposium in neuroscience.
2000-2002	Course Director, Case Studies in Neuro-Oncology
2005	Case Studies in Neuro-Oncology, Faculty
2012	Course: Neurologic Palliative Care, Faculty
	Annual Meeting, New Orleans, LA
2013	Course: Neurologic Palliative Care
	Annual Meeting, San Diego, Faculty
2014	Course: Neurologic Palliative Care

	Annual Meeting, Philadelphia, PA, Faculty
2014	Half Day Course: "Core Concepts in Pain Management"
	Course Director: Philadelphia, PA
2015	Half Day Course: "Core concepts in pain management"
	Course Director: Washington, DC

Tufts Medical Center, Boston, MA

2011-2014	Weekly rotating Neuro-Oncology Clinic Heme-Onc Fellows 1 Fellow, 1 day per week
6/2012-2014	Established combined Neuro-Path/Neuro-Onc rotation

- Tufts Neurology Residents 1 Resident Monthly throughout the year
- 1/2012-2014 Added Palliative Care consults to consult rotation Tufts Heme-Onc Fellows 1 Fellow Monthly throughout the year
- 6/2013-2014 Introduced Clinical Selective in Palliative Care Introduced Clinical Elective in Palliative Care for 3rd year medical students (2 week blocks)
- 6/2013-2014 Introduced Clinical Elective in Palliative Care for 4th year medical students (1 month blocks)

PROFESSIONAL SOCIETIES

1988-	American Academy of Neurology (AAN)
1996	Fellow, AAN
2013-	American Neurologic Association (ANA)
2013	Fellow, ANA
1988-	American Society of Clinical Oncology (ASCO)
2008-	American Association of Neurological Surgeons, Section on Tumors
1998-2009	Southwest Oncology Group
1998-	Radiation Therapy Oncology Group
1996-	Society for Neuro-Oncology
2000-2011	Puget Sound Oncology Consortium
2001-2010	Undersea and Hyperbaric Medical Society
2008-	American Association of Hospice and Palliative Care Medicine (AAHPM)

OFFICE AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES

1992-1996	Subcommittee on Education for Non-Neurologists (SENN), member
1996-2001	SENN, Chairman
1997-2001	Education Committee, member
1996-2001	A.B. Baker Subcommittee, member
2001-2005	Board of Directors, Director
2003-2005	Ad-hoc Committee, Formation of a Neuro-PAC, member
2001-2005	Neuroscience Prize Committee, member
2005-2009	Chairman, Neuroscience Prize Committee
2005-2007	Chairman, Leadership Task Force
2007-2013	Membership Committee, member
2007-2009	Leadership Development Program Committee, Chairman
2011-2013	Leadership Work Group, Chairman
2011-	Ethics, Law and Humanities Committee, member
2013-	Fellow Application Review Workgroup, member

American Society of Clinical Oncology:

2013- Ethics Committee, member

American Academy of Hospice and Palliative Medicine

- 2013- Ethics Committee, member
- 2015- External Awareness committee

American Board of Psychiatry and Neurology

1996-2004	Board Examiner
2000-2002	Committee on Recertification in Neurology

Southwest Oncology Group

1998-1990 Brain Tumor Committee

United Council for Neurologic Subspecialties

2006- Neuro-Oncology Certifying exam, question writing committee

Washington State Neurologic Society

2015- Sergeant at arms

MAJOR RESEARCH INTERESTS

- 1. Treatment of primary brain tumor patients
- 2. Quality of life for neuro-oncology patients
- 3. Palliative care in cancer patients

RESEARCH SUPPORT

1993-1998 Grant Title: Alteplase ThromboLysis for Acute Non-Interventional Therapy in Ischemic Stroke (ATLANTIS) Funding Agency: Genentech Amount: \$100,000.00 Role: **Principal Investigator**

1996-1999 Grant Title: A Randomized controlled trial comparing intra-thecal sustained release cytarabine (DepoCyt)to intra-thecal methotrexate in patients with neoplastic meningitis from solid tumors.
 Funding Agency: Skye Pharma Amount: \$32,000.00
 Role: Principal Investigator

- 2005-2006 Grant Title: *Phase III randomized evaluation of convection enhanced delivery of IL 13-PE38QQR compared with Gliadel wafer for recurrent glioblastoma.* Funding Agency: NeoPharm Amount: \$126,000.00 Role: **Principal Investigator**
- 2005-2009 Grant Title: Xerecept (hCRF) for patients requiring dexamethasone to treat edema associated with brain tumors. Funding Agency: Neurobiologicals Role: **Principal Investigator**
- 2008-2011 Grant Title: Efficacy and Safety of AP12009 in adult patients with recurrent or refractory astrocytoma or secondary glioblastoma as compared to standard chemotherapy treatment. A randomized, actively controlled, open label, clinical Phase III study. Funding Agency: Antisense Pharma Role: **Principal Investigator**
- 2008-2011 Grant Title: *Phase I Trial of BIBW 2992 (Afatinib) in treating patients with recurrent glioblastoma multiforme* Funding Agency: Boehringer Ingelheim Amount: \$12,000.00 Role: **Principal Investigator**
- 2011-2014 Grant Title: A Prospective, Multi-center Trial of NovoTTF-100A Together With Temozolomide Compared to Temozolomide Alone in Patients with Newly Diagnosed GBM Funding Agency: Novocure

Role: Principal Investigator

- 2012-2014 Grant Title: DC Vax A Phase III Clinical Trial Evaluating DCVax-L, Autologous Dendritic Cells Pulsed with Tumor Lysate Antigen for the Treatment of Glioblastoma Multiforme. Funding Agency: Northwest Biotherapeutics Role: **Principal Investigator**
- 2012-2014 A Phase III Trial of Post-Surgical Stereotactic Radiosurgery (SRS) Compared with Whole Brain Radiotherapy (WBRT) for Resected Metastatic Brain Disease Granting Agency: North Cancer Center Treatment Group Role: **Principal Investigator**

EDITORIAL BOARDS AND ACTIVITY

1992-2005	Continuum (AAN)	Board member
2000-	Neurology	Reviewer
2004-	Annals of Neurology	Reviewer
2005-	Neurology Now (AAN)	Board member
2011-2012	AAN.com	Reviewer
2011-	Journal Clinical Oncology	Reviewer
2011-	Journal of Neuro-Oncology	Reviewer
2014-	Cephalalgia	Reviewer
2014-	Neurology: Neuroimmunology	
	& Neuroinflammation	Reviewer

BIBLIOGRAPHY Papers

- 1. **Taylor LP**, Posner JB. Phenobarbital rheumatism in primary brain tumor patients. Ann Neurol 1989; 25:92-94.
- 2. DeAngelis LM, Gnecco C, **Taylor LP**, Warrell RP. Evolution of neuropathy and myopathy during intensive vincristine/corticosteroid chemotherapy for non-Hodgkin's lymphoma. Cancer 1991; 67:2241-2246.
- 3. Eisenberg B, Coates GG, Gass MA, Sicuro PL, Lee ME, **Taylor LP**. In-111 DTPA cisternographic demonstration of magna cisterna magna. Clinical Nuclear Medicine 1994; 19(10):915-916,
- 4. Aboulafia DM, **Taylor LP**, Crane RD, Yon JL, Rudolph RH. Carcinomatous meningitis complicating cervical cancer: a clinicopathologic study and literature review. Gyn Onc 1996; 60:313-318,
- 5. Batchelor TT, **Taylor LP**, Thaler HT, Posner JB, DeAngelis LM. Steroid myopathy in cancer patients. Neurology 1997; 48:1234-1238.
- 6. Elliott M, Taylor LP. Shiatsu sympathectomy. Neurology 2002; 58:1302-1304.

- 7. Aboulafia DM, **Taylor LP**. Vacuolar myelopathy and vacuolar cerebellar leukoencephalopathy: A late complication of AIDs after highly active antiretroviral therapy-induced immune reconstitution. AIDS Patient Care and STDs 2002; 16:579-584.
- 8. **Taylor LP**. A team approach to the management of vestibular schwannoma. Virginia Mason Medical Center Bulletin, Spring, 2009; 37-43.
- 9. **Taylor LP**. Diagnosis, treatment, and prognosis of glioma: Five new things. Neurology Clinical Practice 2010; 75 Suppl 1:1-5. (Invited by Dr. John Corboy, Ed)
- 10. DeVito N, Pilichowska M, **Taylor LP**, Mui K, Jassam Y, Cossor F. Small lymphocytic lymphoma (SLL) presenting as a Paraneoplastic syndrome with acute central nervous system (CNS) demyelination. Clinical Lymphoma, Myeloma and Leukemia. 2014; 14(4): e131-e-135.
- 11. Nelson SE, Jassam YN, **Taylor LP.** A case of refractory Hashimoto's encephalopathy demonstrating improvement with plasmapharesis. Case Report in Internal Medicine. Apr 2014;1(2):83-88.
- 12. Stupp R, Taillibert S, Kanner A, Kesari S, Steinberg D, Toms S, **Taylor LP**, et al. A Phase 3 trial comparing tumor-treating fields therapy plus Temozolomide alone maintenance therapy for newly diagnosed glioblastoma. JAMA. 2015;314(23):2535-2543.

Invited Papers:

- 1. Nelson S, **Taylor LP**. Headaches in brain tumor patients: Primary or Secondary? Headache 2014 Apr; 54(4): 776-785.
- 2. **Taylor, LP.** Mechanism of headache in brain tumor patients. Headache 2014 Apr; 54(4): 772-775.
- 3. **Taylor, LP.** Comment. Chemoradiotherapy for glioblastoma patients—The double-edged sword. Neurology 2015;85:689.

Book Chapters

- 1. **Taylor LP**. Cerebrovascular disease. In: Finn SD, McGee SR, editors. Outpatient Medicine. Seattle: WB Saunders; 1992. p. 449-453.
- 2. **Taylor LP**. Neurologic disorders. In: Agostini RA, editor. Medical and Orthopedic Issues of Active and Athletic Women. Philadelphia: Hanley & Belfus; 1994. p. 251-259.
- 3. **Taylor LP**. Neurological complications of leukemia. In: Wiley RG, editor. Neurological complications of cancer. New York: Marcel Dekker; 1995. p. 449-464.
- American Academy of Neurology. LP Taylor. Neck and back pain. In: Family practice curriculum in Neurology. Second edition, 2008. Available at: <u>http://www.aan.com/go/education/curricula/family/toc</u> Accessed July 30, 2012.
- 5. **Taylor LP**. Neurologic complications of leukemia and lymphoma. In: Newton H and Malkin M, editors. Neurological complications of systemic cancer and anti-neoplastic therapy. Switzerland: Informa Health Care: 2010. p. 265-280.

Book authored/edited

- 1. American Academy of Neurology. NeuroTriage Telephone. Editors, Selwa L, Ozuna J, **Taylor LP**, Goldman S, Stewart S, Good J, Forrest-Smith, M. MA: Butterworth-Heinemann, 2002.
- 2. **Taylor LP**, Umphrey-Porter A, Richards D. Navigating life with a brain tumor. New York: Oxford University Press; 2012.

Other media

1. American Brain Tumor Association Webinar, 9/27/2013 "Advanced Care Planning and Palliative Care" <u>https://www.youtube.com/watch?v=RSD_ymDxaxs#t=1016</u>

Published abstracts

- 1. **Taylor LP**, Rorke LB, Packer R: PAS-positive granules in childhood ependymoma. Ann Neurol 1986; 20:397-398.
- 2. **Taylor LP**, Posner JB: Steroid myopathy in cancer patients treated with dexamethasone. Neurology 1989; 39 Suppl 1:129.
- 3. Flowers M, Tapscott SJ, Emerson J, Emerson MV, Reagan T, **Taylor LP**, et al: Incidence of peripheral neuropathy (PN) prior to thalidomide treatment for chronic graft-versus-host disease (GVHD). ASH, 1996.
- 4. **Taylor LP**, Wade J: The varied faces of cyclosporine A neurotoxicity. Neurology 2000;54 Suppl 3:A40.
- 5. Ready JR, **Taylor LP**, Gross KM: Susac syndrome: A case report of this rare disease of microangiopathy of the retina, cochlea and brain, Society of General Internal Medicine, 2001.
- 6. **Taylor LP**, Yau E, Lacrampe M: Primary spinal melanoma: A case report and review of the literature. Neurology 2006; 66:A340.
- 7. **Taylor LP**: Complete bilateral third nerve palsies as the initial manifestation of anti-HU Paraneoplastic encephalomyelitis. Neuro-Oncology 2007; 515:MA-03.
- 8. **Taylor LP**: Multiple sclerosis mimics: Prolonged relapses and remissions and leukoencephalopathy in two case reports of primary CNS lymphoma. Neuro-Oncology 2010;12 Suppl 4:NO-89.
- 9. **Taylor LP**, Otero H: Sustained quality of life in a patient with Leptomeningeal lymphoma treated with quarterly intra-thecal rituximab. Neuro-Oncology, 2011:13 Suppl 3:QL-05.
- Taylor LP, Stewart M: Prolonged one year symptomatic interval prior to diagnosis of Leptomeningeal carcinomatosis in a breast cancer patient. Neuro-Oncology, 2011:13 Suppl 3:NO56.

Invited lectures (last 5 years only)

2010 Neurology Grand Rounds "Lymphoma in the nervous system" Madigan Army Medical Center, Tacoma, WA

2010	Alaska Academy of Family Physicians "Diagnosis and early treatment of Brain tumors. Homer, Alaska
2010	Washington State Nursing Association "Brain Tumors" Seattle, WA
2010	Course: Clinical Best Practices in Dementia Care "Rapidly progressive dementias" Virginia Mason Medical Center, Seattle, WA
2011	Course: Primary CNS Lymphoma Yakima Valley Medical Conference, Yakima, WA
2011	Neurology Grand Rounds "Central nervous system lymphoma" North Shore University Health System, Evanston, IL
2012	Course: Neurologic Palliative Care Annual Meeting, AAN, New Orleans, LA
2012	Surgical Grand Rounds "Surgical Palliative Care" Tufts Medical Center, Boston, MA
2012	Cancer Center Grand Rounds, Jordan Hospital "Palliative Care", Plymouth, MA
2012	Cancer Center Grand Rounds, Jordan Hospital "Neuro-Oncology", Plymouth, MA
2012	Neuroscience Grand Rounds "Neuro-Oncology and classic localization", Tufts, Boston, MA
2012	Neurology Grand Rounds, Baystate Medical Center "Primary CNS Lymphoma", Springfield, MA
2012	Last Resort Options Brockton Hospital Grand Rounds, Brockton, MA
2012	UMass Neurology Grand Rounds "Lymphoma and the Nervous System"
2012	Risk Management in the Neurosciences, Tufts CME course, Boston, MA
2012	Cancer Center Grand Rounds, Tufts Medical Center "Neurophysiology of Pain"
2012	"Talking with the Severely Ill and Dying Patient". Medical Interviewing and the Doctor Patient Relationship, Tufts Medical School

2013	Course: Neurologic Palliative Care Annual Meeting, AAN, San Diego, CA
2013	Metrowest Medical Center, Natick, MA "Updates on brain metastases"
2013	"ALS and Palliative Care" didactic, Tufts PMR department
06/19/13	St. Luke's Hospital, New Bedford, MA. Last Resort Options
09/27/13	Winchester Hospital, Winchester, MA "Palliative Care"
10/03/13	"Palliative Care in Neurology: The art of prognostication" Neurology Grand Rounds, University of Washington, Seattle, WA
10/23/13	"Neuro-Palliative Care" Palliative Care Grand Rounds, Massachusetts General Hospital
02/13/14	Pseudo-progression or pseudo-response? How to make sense of treatment related changes in the brain. Loma Linda School of Medicine: kukuna-o-ka-la Radiation Oncology Conference, Big Island, Hawaii
02/14/14	Neuro-cognitive and endocrine changes in patients with primary and metastatic brain tumors. Loma Linda School of Medicine: kukuna-o-ka-la Radiation Oncology Conference, Big Island, Hawaii
4/14/14	"Disturbances of consciousness" Tufts Medical School Neuroscience course
4/27/14	Overview of Core Pain Management Concepts. AAN Annual meeting, Philadelphia, PA
4/27/14	Review of the evidence for non-opioid medications for chronic and neuropathic pain AAN Annual meeting, Philadelphia, PA
09/25/14	Neuro-Oncology St. Patrick Hospital Missoula, MT
10/28/14	Brain Tumor headaches in children Children's Hospital of Philadelphia Philadelphia, PA

12/05/14	"When Cancer meets the brain" Grand Rounds, Virginia Mason Medical Center Seattle, WA
1/16/15	"Mechanisms of brain tumor headache" Headache Cooperative of the Pacific San Francisco, CA
2/12/15	"The Art of Prognostication" Grand Rounds, Kadlec Hospital Richland, WA
2/21/15	"Being mortal" End of life choices 9 th Annual Women's Wellness forum Bainbridge Island, WA
5/13/15	Headache in brain tumor patients Neurology Grand Rounds, Tufts Medical Center Boston, MA
07/17/15	"The art of prognostication and why it matters" Grand Rounds, Virginia Mason Medical Center Seattle, WA
09/13/15	Prognostication Alaska Family Medicine Summit Talkeetna, Alaska
10/02/15	Course Director Update in Neurology for Primary Care, VMMC "Critical diagnoses you can't afford to miss" Seattle, WA
11/.13/2015	"Medical prognostication" Columbia Basin Medical Conference Moses Lake, WA
11/18/15	Palliative care for Neuro-oncology Neuro-Oncology Review Course, Society for Neuro-Oncology San Antonio, TX

Novocure (Tumor Treating Fields)

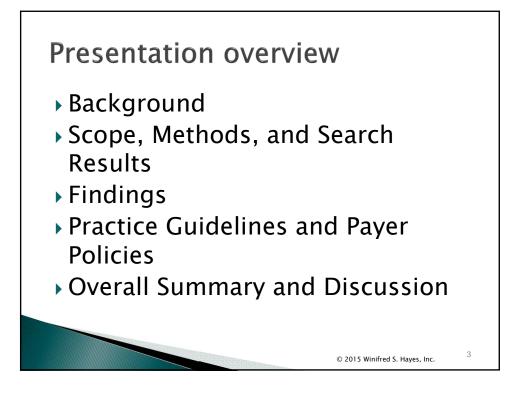
Natalie R. Slezak, PhD Hayes, Inc. January 15, 2016

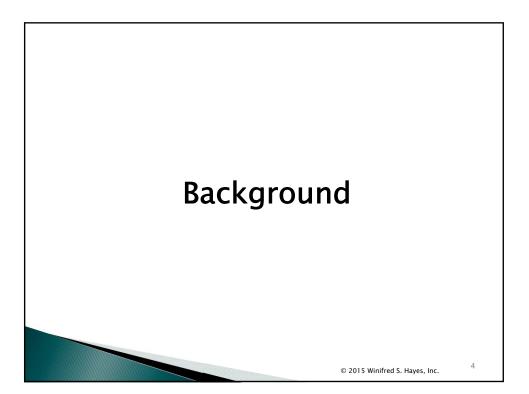
Shorthand and abbreviations

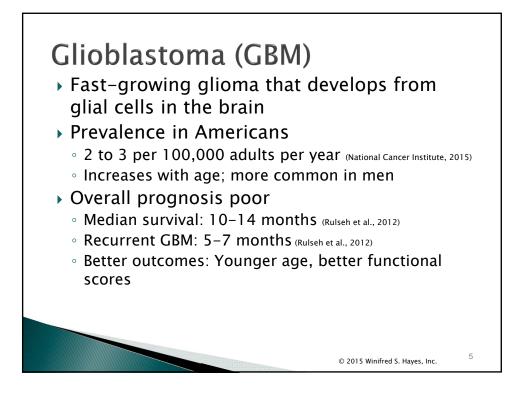
- AEs adverse events
- **chemotx** chemotherapy
- dx'd diagnosed
- **FQ** fair-quality
- **fxn** function
- **GBM** glioblastoma
- grp(s) group(s)
- **HR** hazard ratio
- KPS Karnofsky Performance Status > TMZ temozolomide
- **KQ** Key Question
- **n** number of patients
- NS not statistically significant
- **NR** not reported
- NSCLC non-small cell lung cancer

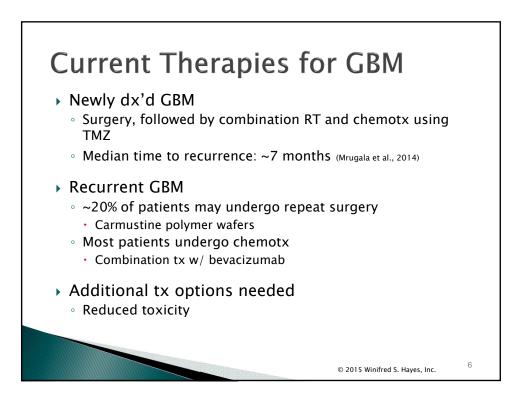
- **OS** overall survival
- **PFS** progression-free survival
- **PQ** poor-quality
- **pt(s)** patient(s)
- QOL quality of life
- **RCT** randomized controlled trial
- **RT** radiation therapy
- **sx** symptom(s)
- TTF tumor treating fields
- **tx** treatment/treat
- ▶ **tx'd** treated
- VPQ very-poor-quality

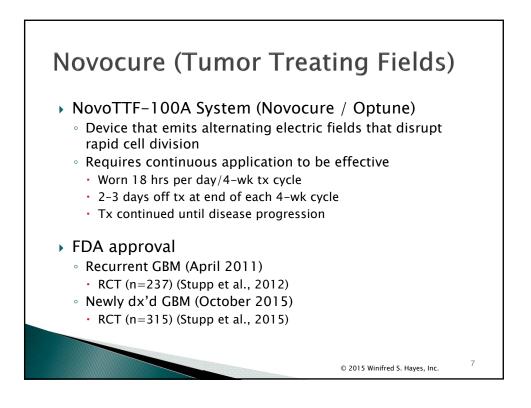
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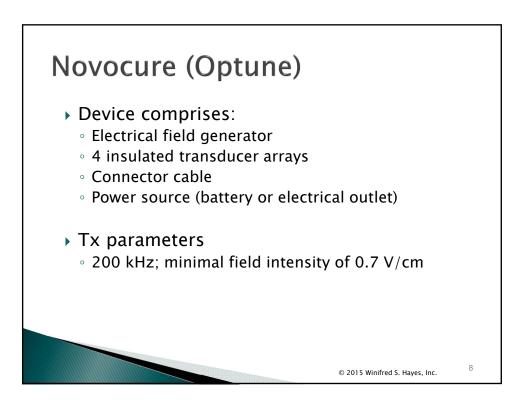


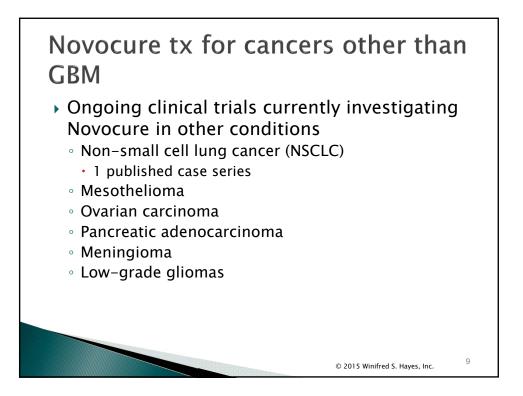


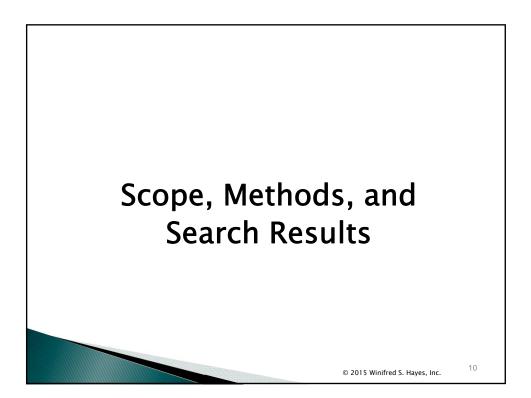


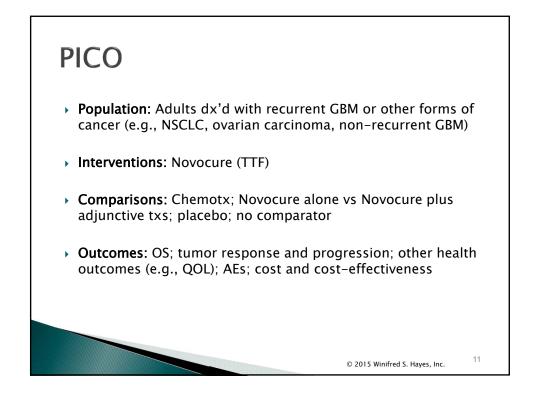


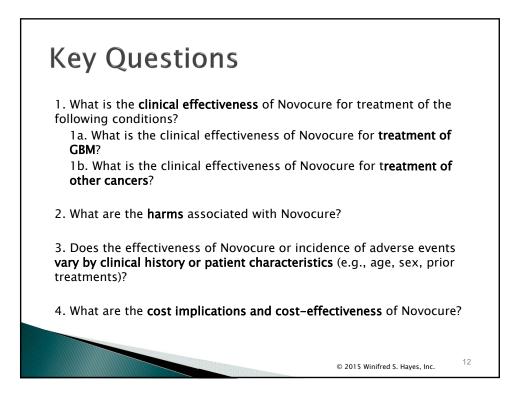


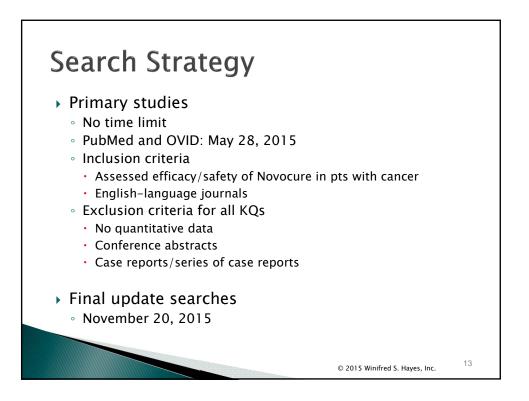


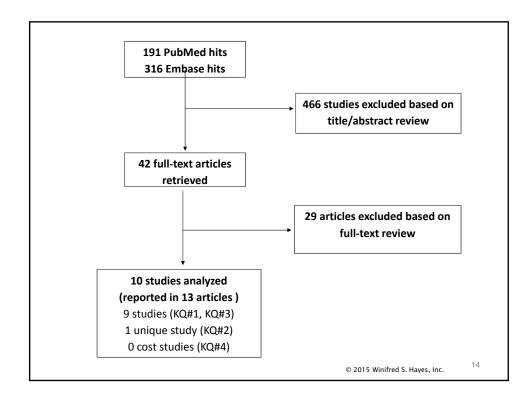


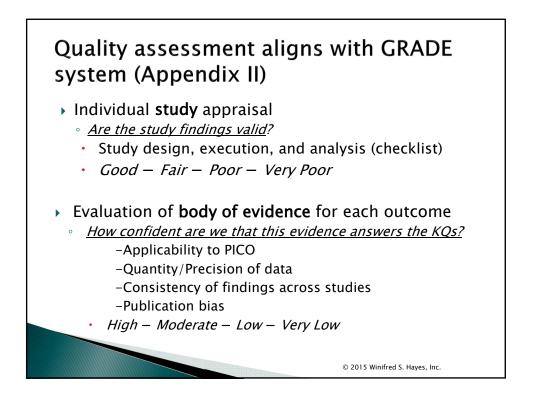


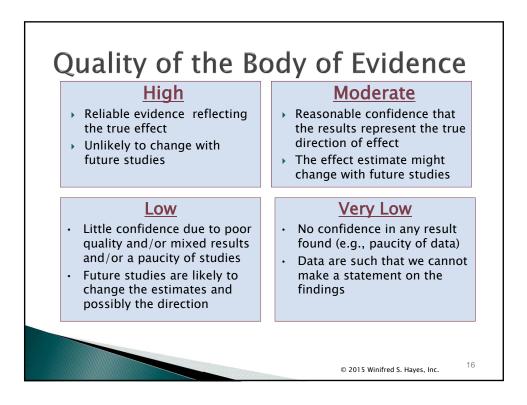


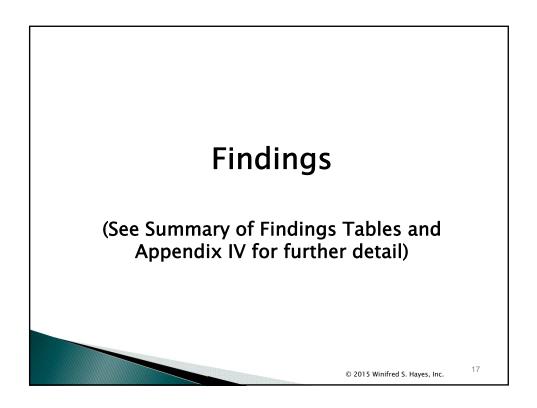












Overview: Studies evaluating the effectiveness of Novocure				
Indication	Findings for KQ#1	# Studies, Overall Quality		
GBM	 Recurrent GBM (n=873) Novocure is at least comparable with chemotx 	5, low (1 FQ RCT, 1 VPQ trial with historical controls, 1 VPQ cohort study, 1 PQ multicenter registry study with historical controls, and 1 PQ subgroup analysis)		
	 Newly dx'd GBM (n=325) Novocure superior to chemotx 	2, very low (1 FQ RCT, VPQ cohort study)		
NSCLC	 n=41 15% of pts exhibited a partial response to tx 	1, very low (1 VPQ case series)		
Various solid tumors	 n=6 17% of pts exhibited a partial response to tx 	1, very low (1 VPQ case series)		

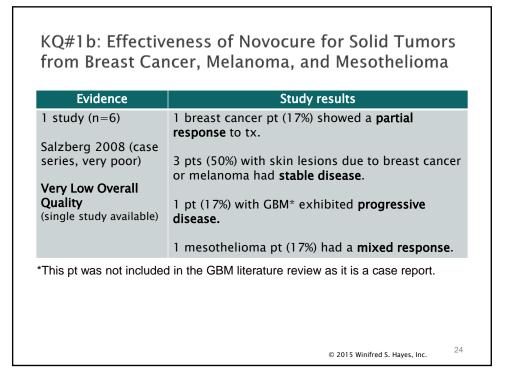
Evidence	Study results
5 studies (n=873) Kirson 2007 (n=12; trial with historical controls, VPQ) Stupp 2012 (n=237; RCT, FQ) Mrugala 2014 (n=457; Registry study with historical controls, PQ) Vymazal and Wong 2014 (n=130; subgroup analysis, PQ) Wong 2015 (n=37; retrospective cohort, VPQ) Low Overall Quality (few studies, some with small sample sizes)	Median OS (Novocure grp, chemotx grp): Kirson 2007: 14.3 months, 6.7 months (<i>P</i> =NR) Mrugala 2014: 9.6 months, 6.0 months (<i>P</i> =0.0003) Vymazal and Wong 2014: 6.6 months, NR Median PFS at 6 months (Novocure grp, chemotx grp): Kirson 2007: 50%, 15% (<i>P</i> =NR) Stupp 2012: 21%, 15% (NS) Percentage OS at 6 months, 1 yr, 2 yrs (Novocure grp, chemotx grp): Stupp 2012: 53%, 48%; 20%, 19%; 8%, 3% (<i>P</i> =NR) Mrugala 2014: NR, NR; 44%, 24%; 30%, 7%

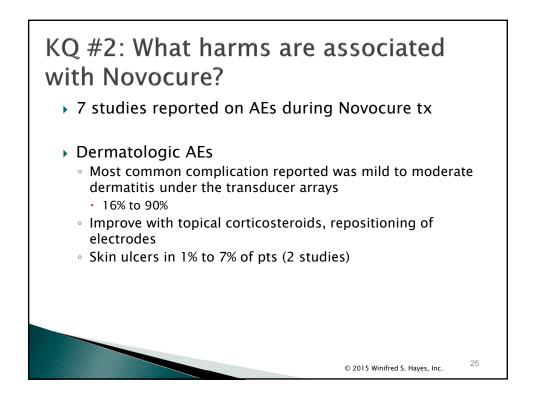
Evidence	Study results
5 studies (n=873) Kirson 2007 (n=12; trial with historical controls, VPQ) Stupp 2012 (n=237; RCT, FQ) Mrugala 2014 (n=457; registry study with historical controls, PQ) Vymazal and Wong 2014 (n=130; subgroup analysis, PQ) Wong 2015 (n=37; retrospective cohort, VPQ) Low Overall Quality (few studies, some with small sample sizes)	Percentage of pts with partial or complete radiological response to tx (Novocure grp, chemotx grp): Stupp 2012: 14%, 10% (NS) Vymazal and Wong 2014: 15%, NR Median OS (Novocure plus bevacizumab plus TCCC* grp, Novocure plus bevacizumab only grp): Wong 2015: 10.3 months, 4.1 months (NS) Median PFS (Novocure plus bevacizumab plus TCCC* grp, Novocure plus bevacizumab plus TCCC* grp, Novocure plus bevacizumab only grp): Wong 2015: 8.1 months, 2.8 months (NS)

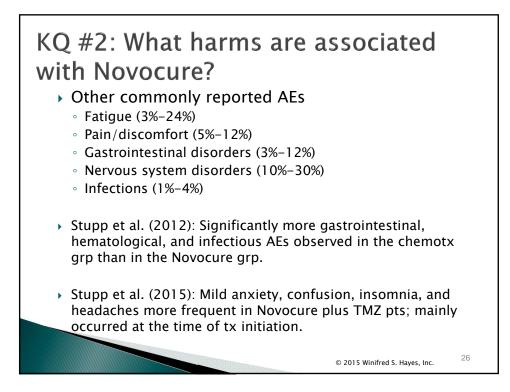
Evidence	Study results		
5 studies (n=873) Kirson 2007 (n=12; trial with historical controls, VPQ) Stupp 2012 (n=237; RCT, FQ) Mrugala 2014 (n=457; Registry study with historical controls, PQ) Vymazal and Wong 2014 (n=130; subgroup analysis, PQ) Wong 2015 (n=37; retrospective cohort, VPQ) Low Overall Quality (few studies, some with	 Quality of Life Stupp 2012 (n=63): No meaningful differences were observed in global health and social fxn between grps. Cognitive fxn, role fxn, and emotional fxn favored Novocure. Physical fxn was slightly worse with Novocure Worse sx scale (increased pain and fatigue) in chemotx grp 		

Evidence	Study results
2 studies (n=325) Stupp 2015 (RCT,	Stupp 2015 (Novocure plus TMZ grp, TMZ only grp): Median PFS: 7.1 mos, 4.0 mos (<i>P</i> =0.001), HR
fair)	0.62 (98.7% CI, 0.43–0.89) Median OS: 20.5 mos, 15.6 mos (<i>P</i> =0.004), HR
Kirson 2009 (cohort study, very poor)	0.64 (98.7% Cl, 0.43 –0.89)
Very Low Overall Quality (very few studies available)	Kirson 2009 (Novocure grp, chemotherapy grp): Median PFS: 35.6 mos, 7.1 mos (<i>P</i> =0.0002), HR 3.32 (95% CI, 1.9–5.9)
availabic)	Median OS: 39 mos, 4.7 months (P=0.0018)

Evidence	Study results
1 study (n=41)	15% of NSCLC pts exhibited a partial response to Novocure tx
Pless 2013 (case series, very poor)	Median PFS: 22.2 wks
Very Low Overall Quality	Median OS: 13.8 months
(single study available)	1-Yr Survival: 57%







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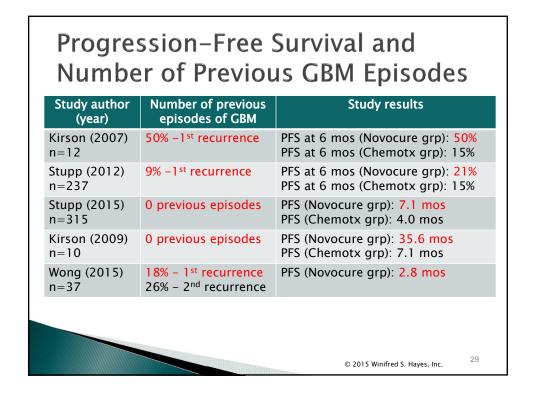
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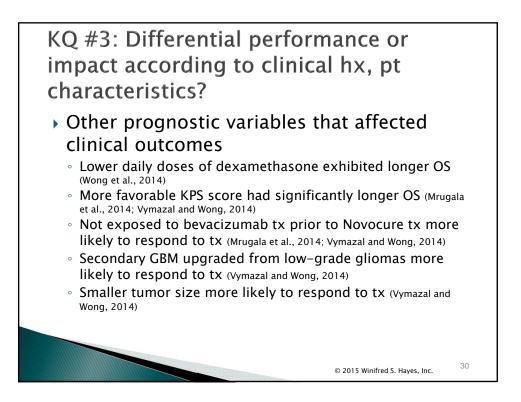
KQ #3: Differential performance or impact according to clinical hx, pt characteristics?

- ▶ Post-hoc analysis found that pts tx'd at their 1st GBM recurrence had significantly longer OS (20 months) compared with pts tx'd at 2nd recurrence (8.5 months) or \geq 3rd recurrence (4.9 months) (*P*=0.0271) (Mrugala et al., 2014)
- 5 of the 8 studies analyzed for KQ #1 reported the number of previous GBM episodes
 - OS and PFS tended to be longer in studies that enrolled more pts in their 1st or 2nd GBM episode

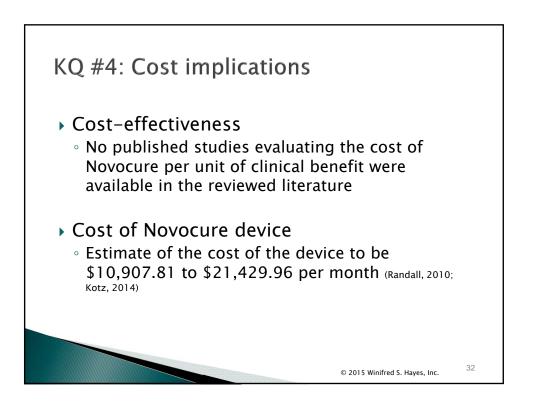
Overall Survival and Number of Previous GBM Episodes

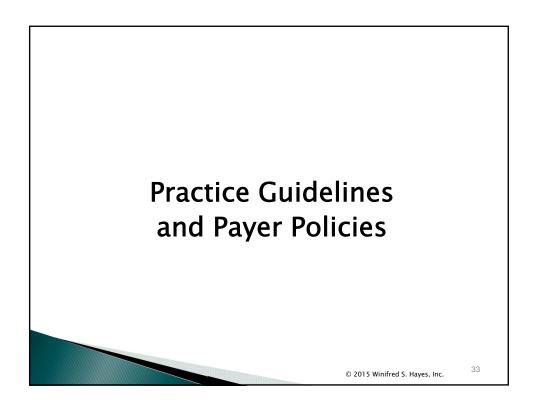
Study author (year)	Previous episodes of GBM	Study results
Kirson (2009) n=10	0 previous episodes	OS (Novocure grp): 39 mos OS (Chemotx grp): 14.7 mos
Stupp (2015) n=315	0 previous episodes	OS (Novocure grp): 20.5 mos OS (Chemotx grp): 15.6 mos
Kirson (2007) n=12	50% –1 st recurrence	OS (Novocure grp): 14.3 mos OS (Chemotx grp): 6.7 mos
Mrugala (2014) n=457	33% –1 st recurrence 27% – 2 nd recurrence	OS (Novocure grp): 9.6 mos OS (Chemotx grp): 6.0 mos
Wong (2015) n=37	18% – 1 st recurrence 26% – 2 nd recurrence	OS (Novocure grp): 4.1 mos
Mrugala (2014) n=457	33% –1 st recurrence 27% – 2 nd recurrence	% pts OS (1 yr, 2 yrs): 44%, 30%
Stupp (2012) n=237	9% –1 st recurrence	% pts OS (1 yr, 2 yrs): 20%, 7.5%
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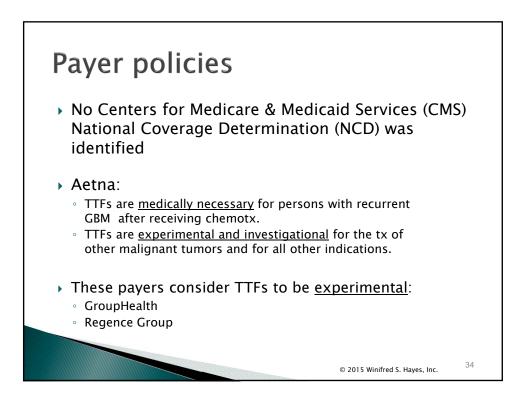




KQ #3: Differential performance or impact according to clinical hx, pt characteristics? Compliance with Novocure device an important factor • 2 studies found that median OS was significantly longer in Novocure pts with a monthly compliance rate \geq 75% (\geq 18 hrs per day) than in pts with a compliance <75%• OS 7.7 months vs 4.5 months (P=0.042) (Stupp et al., 2012) • OS 13.5 months vs 4.0 months (P<0.0001) (Mrugala et al., 2014) 1 study found that response to tx was correlated with compliance (P<0.001) (Vymazal and Wong, 2014) • Average compliance 92% in partial and complete responders • Average compliance 85% in pts with stable disease • Average compliance 79% in pts with progressive disease 31 © 2015 Winifred S. Haves, Inc.

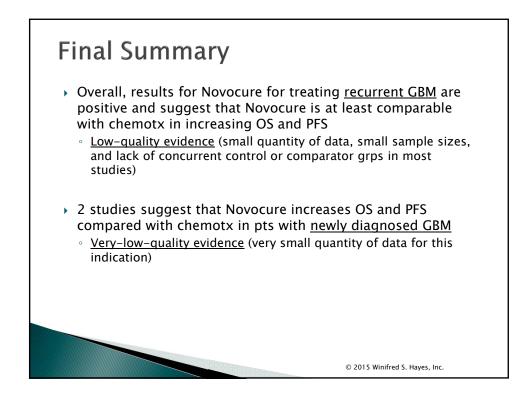


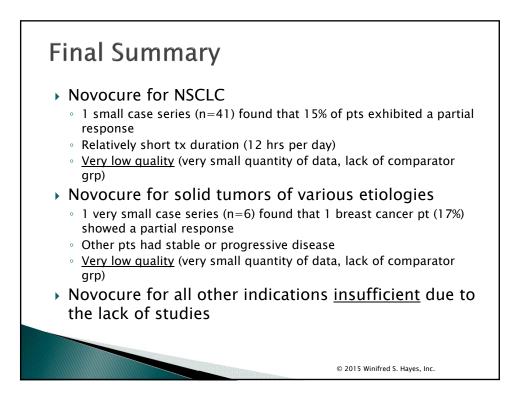


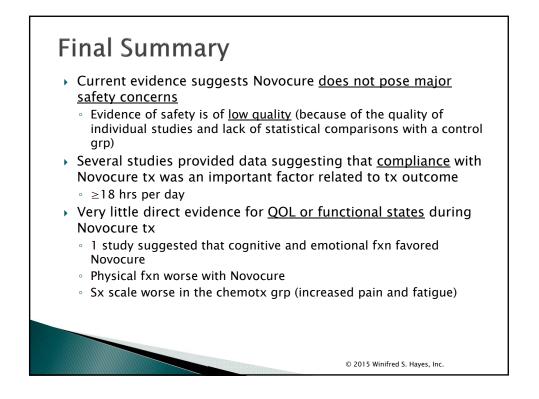


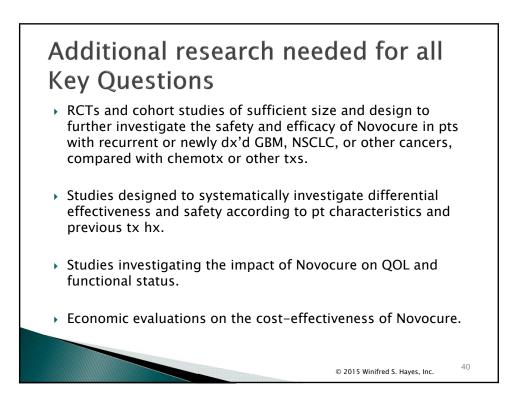
Practice Guidelines: GBM			
Quantity/quality of guidelines	Tx recommendations		
6 guidelines (3 fair, 3 poor) AANN, Association of Neuroscience Nurses AANS, American Association of Neurological Surgeons CNS, Congress of Neurological Surgeons EANO, European Association of Neuro- Oncology ESMO, European Society for Medical Oncology NCCN, National Comprehensive Cancer Network	 <u>Newly dx'd GBM</u>: Surgery → by RT + concurrent TMZ → adjuvant TMZ Carmustine polymer wafers (Gliadel Wafers) may prolong survival 		
	<u>Recurrent GBM</u> : Options include repeat surgery, irradiation, chemotx, or bevacizumab		
	 Progressive GBM: Enroll in an appropriate clinical trial Novocure tx: Should only be administered in the context of clinical trials (EANO, 2014; no level of recommendation stated) May be considered a comparable tx option to chemotx in recurrent GBM pts (AANN, 2014; Level 1) Novocure failed to prolong survival compared with chemotx (ESMO, 2013; IA: Strong recommendation) Novocure is an option in the tx algorithm for recurrent GBM (NCCN, 2015; Category 2B [consensus that tx is appropriate based on low-level evidence]) 		
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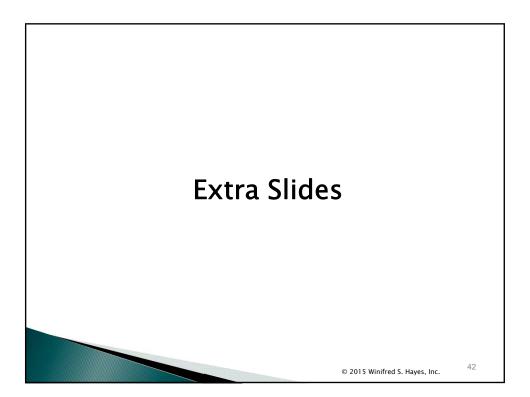












HTCC Coverage and Reimbursement Determination Analytic Tool

HTA's goal is to achieve *better health care outcomes* for enrollees and beneficiaries of state programs by paying for proven health *technologies that work*.

To find best outcomes and value for the state and the patient, the HTA program focuses on three questions:

- 1. Is it safe?
- 2. Is it effective?
- 3. Does it provide value (improve health outcome)?

The principles HTCC uses to review evidence and make determinations are:

Principle One: Determinations are evidence-based

HTCC requires scientific evidence that a health technology is safe, effective and cost-effective¹ as expressed by the following standards²:

- Persons will experience better health outcomes than if the health technology was not covered and that the benefits outweigh the harms.
- The HTCC emphasizes evidence that directly links the technology with health outcomes. Indirect evidence may be sufficient if it supports the principal links in the analytic framework.
- Although the HTCC acknowledges that subjective judgments do enter into the evaluation of evidence and the weighing of benefits and harms, its recommendations are not based largely on opinion.
- The HTCC is explicit about the scientific evidence relied upon for its determinations.

Principle Two: Determinations result in health benefit

The outcomes critical to HTCC in making coverage and reimbursement determinations are health benefits and harms³:

- In considering potential benefits, the HTCC focuses on absolute reductions in the risk of outcomes that people can feel or care about.
- In considering potential harms, the HTCC examines harms of all types, including physical, psychological, and non-medical harms that may occur sooner or later as a result of the use of the technology.
- Where possible, the HTCC considers the feasibility of future widespread implementation of the technology in making recommendations.

¹ Based on Legislative mandate: See RCW 70.14.100(2).

² The principles and standards are based on USPSTF Principles at: http://www.ahrq.gov/clinic/ajpmsuppl/harris3.htm

³ The principles and standards are based on USPSTF Principles at: http://www.ahrq.gov/clinic/ajpmsuppl/harris3.htm

- The HTCC generally takes a population perspective in weighing the magnitude of benefits against the magnitude of harms. In some situations, it may make a determination for a technology with a large potential benefit for a small proportion of the population.
- In assessing net benefits, the HTCC subjectively estimates the indicated population's value for each benefit and harm. When the HTCC judges that the balance of benefits and harms is likely to vary substantially within the population, coverage or reimbursement determinations may be more selective based on the variation.
- The HTCC considers the economic costs of the health technology in making determinations, but costs are the lowest priority.

Using evidence as the basis for a coverage decision

Arrive at the coverage decision by identifying for Safety, Effectiveness, and Cost whether (1) evidence is available, (2) the confidence in the evidence, and (3) applicability to decision.

1. Availability of Evidence:

Committee members identify the factors, often referred to as outcomes of interest, that are at issue around safety, effectiveness, and cost. Those deemed key factors are ones that impact the question of whether the particular technology improves health outcomes. Committee members then identify whether and what evidence is available related to each of the key factors.

2. Sufficiency of the Evidence:

Committee members discuss and assess the evidence available and its relevance to the key factors by discussion of the type, quality, and relevance of the evidence⁴ using characteristics such as:

- Type of evidence as reported in the technology assessment or other evidence presented to committee (randomized trials, observational studies, case series, expert opinion);
- The amount of evidence (sparse to many number of evidence or events or individuals studied);
- Consistency of evidence (results vary or largely similar);
- Recency (timeliness of information);
- Directness of evidence (link between technology and outcome);
- Relevance of evidence (applicability to agency program and clients);
- Bias (likelihood of conflict of interest or lack of safeguards).

Sufficiency or insufficiency of the evidence is a judgment of each clinical committee member and correlates closely to the GRADE confidence decision.

Not Confident

Confident

⁴ Based on GRADE recommendation: <u>http://www.gradeworkinggroup.org/FAQ/index.htm.</u>

Very certain of evidentiary support. Further
information is unlikely to change confidence

3. Factors for Consideration - Importance

At the end of discussion a vote is taken on whether sufficient evidence exists regarding the technology's safety, effectiveness, and cost. The committee must weigh the degree of importance that each particular key factor and the evidence that supports it has to the policy and coverage decision. Valuing the level of importance is factor or outcome specific but most often include, for areas of safety, effectiveness, and cost:

- Risk of event occurring;
- The degree of harm associated with risk;
- The number of risks; the burden of the condition;
- Burden untreated or treated with alternatives;
- The importance of the outcome (e.g. treatment prevents death vs. relief of symptom);
- The degree of effect (e.g. relief of all, none, or some symptom, duration, etc.);
- Value variation based on patient preference.

Health Technology Evidence Identification

Discussion Document:

What are the key factors and health outcomes and what evidence is there?

Safety Outcomes	Safety Evidence
Adverse events	
Dermatologic complications	
Skin ulcers	
Fatigue	
Pain/discomfort	
Gastrointestinal disorders	
Nervous system disorders	
Infections	
Other	

Efficacy – Effectiveness Outcomes	Efficacy / Effectiveness Evidence
Overall survival	
Progression free survival	
Tumor response/progression	
Partial response	
Complete response	
Quality of life	
Special Population / Considerations Outcomes	Special Populations/ Considerations Evidence
Age	
Sex	
Ethnicity	
Race	
Karnofsky Performance Status (KPS)	
Steroid dose levels	
Tumor grade	
Compliance	
Cost Outcomes	Cost Evidence
Costs	
Cost-effectiveness	

Medicare Coverage and Guidelines

[From Page 13 of the Updated Final Evidence Report]

No Centers for Medicare & Medicaid Services (CMS) National Coverage Determination (NCD) was identified for Novocure/Optune.

[From Page 12 of the Updated Final Evidence Report]

Table 3. Summary of Practice Guideline Recommendations

Key: AANN, Association of Neuroscience Nurses; AANS, American Association of Neurological Surgeons; ACCP, American College of Chest Physicians; ASTRO, American Society for Radiation Oncology; CNS, Congress of Neurological Surgeons; EANO, European Association of Neuro-Oncology; ESMO, European Society for Medical Oncology; GBM, glioblastoma; GL, guideline; NCCN, National Comprehensive Cancer Network; NSCLC, non-small cell lung cancer; pt(s), patient(s); RT, radiotherapy; TMZ, temozolomide; tx, treatment

Quantity of Individual GLs	Individual GL Quality	Recommendations		
Tx of GBM	Tx of GBM			
6 (AANN, AANS/CNS, EANO, ESMO, NCCN)	3 Fair 3 Poor	<u>Newly diagnosed GBM</u> : Resection or biopsy, followed by RT plus concurrent TMZ, followed by adjuvant TMZ. Carmustine polymer wafers (Gliadel Wafers) may prolong survival when implanted into the resection cavity at the time of surgery. <u>Recurrent GBM</u> : Options include re-resection, reirradiation, rechallenge chemotherapy, or bevacizumab.		
		<u>Progressive GBM</u> : Pts w/ progressive GBM should be enrolled in an appropriate clinical trial.		
		<u>Novocure</u> : Novocure should only be administered in the context of clinical trials (EANO); nurses should be aware that Novocure may be considered a comparable tx option to chemotherapy in recurrent GBM pts (AANN); GBM failed to prolong survival compared w/ chemotherapy (ESMO); Novocure is an option in the tx algorithm for recurrent GBM (NCCN).		
Tx of NSCLC				
5 (ACCP, ASTRO, ESMO, NCCN)	1 Fair 2 poor <u>I</u>	Surgery: Optimal surgical management involves complete resection. RT and Chemotherapy: Options include induction chemotherapy followed by surgery, induction chemoradiotherapy followed by surgery, or concurrent definitive chemoradiotherapy. Pts that have a planned lobectomy (as opposed to pneumonectomy) are the best candidates for preoperative chemoradiotherapy. The 2 most common concurrent chemotherapy regimens are cisplatin/etoposide and carboplatin/paclitaxel. If pts are evaluated as unresectable, 2 to 4 cycles of concurrent chemoradiotherapy is the standard of care. Platinum-based chemotherapy yields the best outcomes.		
		Bevacizumab: Bevacizumab plus chemotherapy or chemotherapy alone is		

Quantity of Individual GLs	Individual GL Quality	Recommendations	
		indicated in pts with poor performance status and with advanced or recurrent NSCLC (NCCN).	
	S	Stage IV NSCLC: The standard first-line chemotherapy is platinum-based chemotherapy. Chemotherapy should be initiated while the pt has a good performance status. Systemic tx should be offered to all stage IV pts w/ poor performance status. 4 to 6 tx cycles of chemotherapy are recommended (ESMO).	
	٦	Ione of the guidelines mentioned the use of Novocure for treating NSCLC.	

Clinical Committee Findings and Decisions

Efficacy Considerations

- What is the evidence that use of the technology results in more beneficial, important health outcomes? Consider:
 - o Direct outcome or surrogate measure
 - o Short term or long term effect
 - Magnitude of effect
 - o Impact on pain, functional restoration, quality of life
 - o Disease management
- What is the evidence confirming that use of the technology results in a more beneficial outcome, compared to no treatment or placebo treatment?
- What is the evidence confirming that use of the technology results in a more beneficial outcome, compared to alternative treatment?
- What is the evidence of the magnitude of the benefit or the incremental value?
- Does the scientific evidence confirm that use of the technology can effectively replace other technologies or is this additive?
- For diagnostic tests, what is the evidence of a diagnostic tests' accuracy?
 - Does the use of the technology more accurately identify both those with the condition being evaluated and those without the condition being evaluated?
- Does the use of the technology result in better sensitivity and better specificity?
- Is there a tradeoff in sensitivity and specificity that on balance the diagnostic technology is thought to be more accurate than current diagnostic testing?
- Does use of the test change treatment choices?

Safety

- What is the evidence of the effect of using the technology on significant morbidity?
 - Frequent adverse effect on health, but unlikely to result in lasting harm or be lifethreatening, or;

- o Adverse effect on health that can result in lasting harm or can be life-threatening?
- Other morbidity concerns?
- Short term or direct complication versus long term complications?
- What is the evidence of using the technology on mortality does it result in fewer adverse non-fatal outcomes?

Cost Impact

• Do the cost analyses show that use of the new technology will result in costs that are greater, equivalent or lower than management without use of the technology?

Overall

- What is the evidence about alternatives and comparisons to the alternatives?
- Does scientific evidence confirm that use of the technology results in better health outcomes than management without use of the technology?

Next Step: Cover or No Cover

If not covered, or covered unconditionally, the Chair will instruct staff to write a proposed findings and decision document for review and final adoption at the following meeting.

Next Step: Cover with Conditions

If covered with conditions, the Committee will continue discussion.

- 1) Does the committee have enough information to identify conditions or criteria?
 - Refer to evidence identification document and discussion.
 - Chair will facilitate discussion, and if enough members agree, conditions and/or criteria will be identified and listed.
 - Chair will instruct staff to write a proposed findings and decision document for review and final adoption at next meeting.
- (2) If not enough or appropriate information, then Chair will facilitate a discussion on the following:
 - What are the known conditions/criteria and evidence state
 - What issues need to be addressed and evidence state

The chair will delegate investigation and return to group based on information and issues identified. Information known but not available or assembled can be gathered by staff; additional clinical questions may need further research by evidence center or may need ad hoc advisory group; information on agency utilization, similar coverage decisions may need agency or other health plan input; information on current practice in community or beneficiary preference may need further public input. Delegation should include specific instructions on the task, assignment or issue; include a time frame; provide direction on membership or input if a group is to be convened.

Clinical Committee Evidence Votes

First Voting Question

The HTCC has reviewed and considered the technology assessment and information provided by the administrator, reports and/or testimony from an advisory group, and submissions or comments from the public. The committee has given greatest weight to the evidence it determined, based on objective factors, to be the most valid and reliable.

Is there sufficient evidence under some or all situations that the technology is:

	Unproven (no)	Equivalent (yes)	Less (yes)	More (yes)
Effective				
Safe				
Cost-effective				

Discussion

Based on the evidence vote, the committee may be ready to take a vote on coverage or further discussion may be warranted to understand the differences of opinions or to discuss the implications of the vote on a final coverage decision.

- Evidence is insufficient to make a conclusion about whether the health technology is safe, efficacious, and cost-effective;
- Evidence is sufficient to conclude that the health technology is unsafe, ineffectual, or not cost-effective
- Evidence is sufficient to conclude that the health technology is safe, efficacious, and cost-effective for all indicated conditions;
- Evidence is sufficient to conclude that the health technology is safe, efficacious, and cost-effective for some conditions or in some situations

A straw vote may be taken to determine whether, and in what area, further discussion is necessary.

Second Vote

Based on the evidence about the technologies' safety, efficacy, and cost-effectiveness, it is

_____Not Covered _____ Covered Unconditionally _____ Covered Under Certain Conditions

Discussion Item

Is the determination consistent with identified Medicare decisions and expert guidelines, and if not, what evidence is relied upon.

Next Step: Proposed Findings and Decision and Public Comment

At the next public meeting the committee will review the proposed findings and decision and consider any public comments as appropriate prior to a vote for final adoption of the determination.

- 1) Based on public comment was evidence overlooked in the process that should be considered?
- 2) Does the proposed findings and decision document clearly convey the intended coverage determination based on review and consideration of the evidence?

Next Step: Final Determination

Following review of the proposed findings and decision document and public comments:

Final Vote

Does the committee approve the Findings and Decisions document with any changes noted in discussion?

If yes, the process is concluded.

If no, or an unclear (i.e., tie) outcome Chair will lead discussion to determine next steps.