How does disease modifying treatment fit into future cancer pain management guidelines?

Peter Lawlor Elisabeth Bruyère & University of Ottawa





5/06/2013

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Case Example: 62yo fem with MCRC in PCU..1

- Dx Oct 2007, localized disease
 - Neoadjuvant RT, Laparoscopic Ant Resection + colostomy
- Jan 2008 Adjuvant ChemoTx with FOLFOX x 2 cycles
 - LBO in midst of 1st cycle, Rx laparotomy adhesions divided
 - Coronary spasm in 2nd cycle? due to 5FU
- Dx 2009 vaginal met, July 2010 Rx Irinotecan ChemoTx
 - ARF, febrile neutropenia, flank pain, Nephrostomy drain initially then Nephroureterostomy in Dec 2010
- Oct 2011: Pre-sacral mass on MRI invading S1 and S2
 - RadioTx, & Pain Team referral
- Nov 2011 Rx Panitumumab
 - Switched to Ralitrexed (Tomudex) because of skin toxicity

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Case Example: 62yo fem with MCRC in PCU..2

- May 2012: admitted to PCU for Methadone switch
 - Severe incident pain
- Unable to tolerate Methadone / Fentanyl prn
 - Intrathecal administration of opioid /local anaesthetic
- Points to note:
 - Patients personality
 - Many surgical/radiological interventions
 - Chemotherapy treatments: benefit vs burden
 - Late palliative care referral
 - Radiation Rx
 - Monoclonal Rx
 - Methadone unsuccessful, next step: intrathecal analgesia

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Objectives

To evaluate

 the impact of "cancer disease modifying therapies" on cancer pain [Why?]

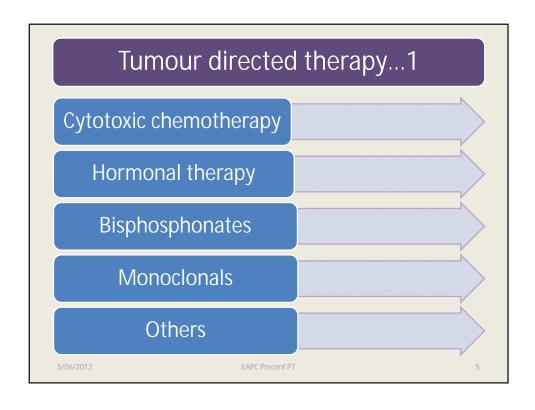
To explore

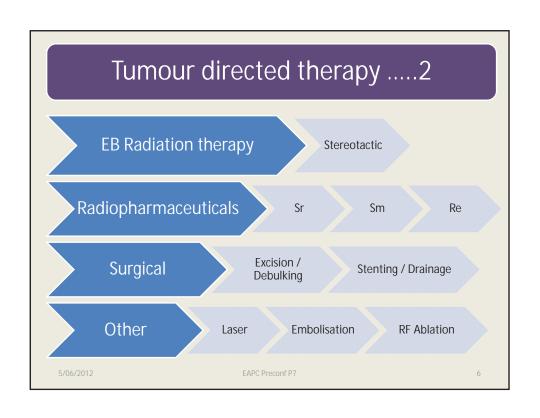
 how best to incorporate "cancer disease modifying therapies" in cancer pain guidelines [What & How?]

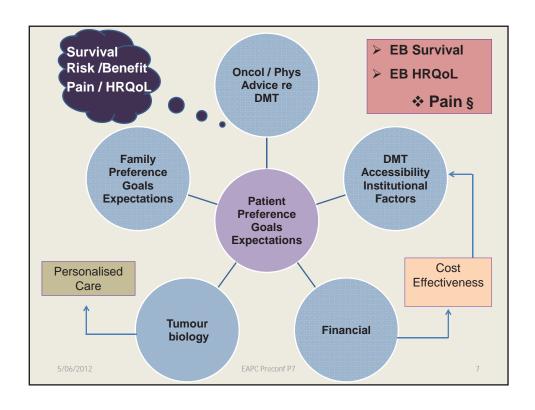
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4







An evolving story...

- Developments in Cancer Care
 - Disease modification
 - RCTs: strong evidence base
 - Survival data vs HRQoL data
 - Symptom control / Supportive& Palliative Care / Hospice Care
 - Developing evidence base
 - QoL: Pall & Hospice Care

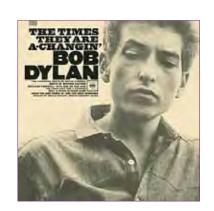
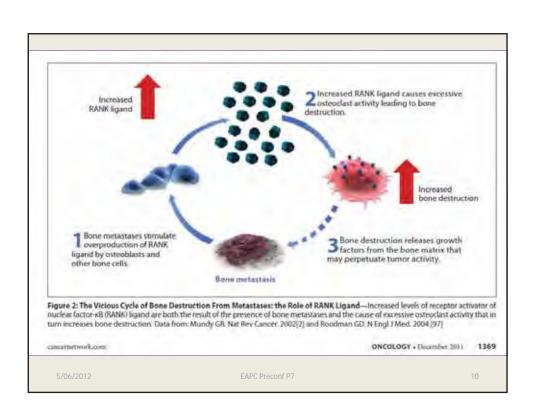
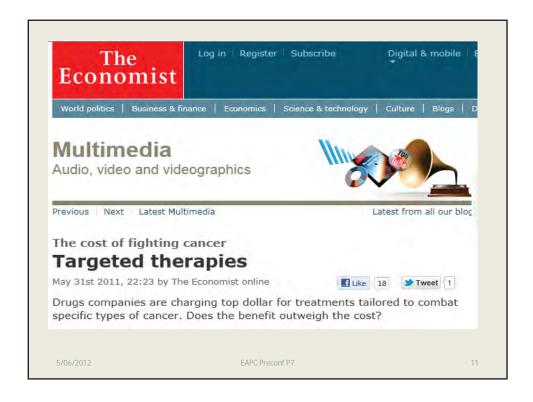


Table 3 Binary Logistic Regression Model†								
	Adj Odds Ratios 2007 vs 1997	95% CIs	P Value					
Central Line Use	2.62	0.94-7.31	0.065					
Peripheral Line Use	4.82	3.33-6.98	<0.0001					
Bisphosphonate iv	2.24	1.11-4.50	0.024					
Antibiotics iv	7.94	4.34-14.5	<0.0001					
Chemotherapy	7.19	2.05-25.2	0.002					
Feeding oral vs other	0.40	0.18-0.88	0.022					
Out of Hospice Trip	1.85	1.20-2.84	0.005					
A red cell transfusion	3.26	1.67-6.37	0.0005					

† Adjusted for age, admission duration, gender and referral location Lawlor et al MASCC Rome 2009





	Medline (R) without Revision 1996 to 2012 (May Week 3)					
1	Antibodies monoclonal (MeSH) or "targeted therapy", (tw)	131,419				
2	Neoplasms (MeSH) or "cancer", (tw)	626,750				
3	1 + 2	22,353				
4	Pain (MeSH) or "pain", (tw)	263,187				
5	1 + 2 + 4	215				
6	Limits: year > 2000, English, abstract available	153				
į	5/06/2012 EAPC Preconf P7	12				

Role of vertebral augmentation procedures in the management of vertebral compression fractures in cancer patients

Kamran Aghayeva, Ioannis D. Papanastassioua, and Frank Vrionisa

*Department of Neuro-Grozlegy, H.Lee Mellit Carcer Center will Department of Neuroscopy, Uneveily of South Yorks, Targe, Florids, USA and "Department of Detopolos, General Oncological Hospital 'Agoi Anlagyot, Alberto, Groco

Current Opinion in Supportive and Palliative Care 2011, 5022-226

Purpose of review

To review the current status of vertebral augmentation procedures (VAPs) in the management of symptomatic vertebral compression fractures (VCFs) in cancer patients.

Recent findings

The natural history of VCFs in the cancer setting is presumably different from the one seen with osteoprotic fractures. Factors contributing to the poor outcome with conservative treatment in cancer patients include continued bone loss due to tumor invasion, poor nutritional status, immobilization, prolonged steroid use, gonadal ablation, chemotherapy and radiotherapy. VAPs have been shown by retrospective and prospective randomized studies to be effective in treating symptomatic VCFs. Advantages of VAPs include immediate pain relief, avoiding delays in chemoradiation, outpatient care in the majority of cases, biopsy, vertebral height restoration, and potential aritumor effect of bone cement. Results from the prospective randomized Cancer Fracture Evaluation (CAFE) trial show superiority of balloon kyphoplasty (BKP) over conservative management in cancer patients with VCFs with similar rate of adverse events between treatment arms. Additionally, the field is still evolving with advances such as combination with radiosurgery and spinal radiofrequency ablation (RFA), use of kyphoplasty without a balloon and highly viscous cement to prevent (eakage.

Summa

VAPs are well tolerated and effective methods to provide pallative care for cancer patients with VCFs and should be offered to symptomatic patients.

Keywords

kyphoplasty, metastasis, multiple myeloma, vertebral compression fracture, vertebroplasty

5/06/2012 EAPC Precont P/ 1:

Radiation for bone metastases

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*Department of Radiation Oncology, *Medicine, Section of Hematology-Oncology, *Tuline Cancer Center and *Tuline Medical School, New Orleans, Los Angeles and USA

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Current Opinion in Supportive and Palliative Care 2011, 5:227 – 232

Purpose of review

To synopsize the current state-of-the-art for radiation and treatment of painful bone metastases with a focus on prostate cancer.

Recent findings

Although external beam radiation has long been known to palliate painful bone metastatic disease for patients with prostate cancer, new studies continue to evolve in this area. Data from randomized studies over the past decade emphasize that palliation can be achieved with single-fraction radiation strategies. Despite these data, and various supportive national and international guidelines, single-fraction regimens are relatively underutilized in the USA as compared with other countries. In addition to external beam radiation, beta-emitting isotopes are also effective as systemic agents for the palliation of painful bone metastases. New alpha-emitters such as Alpharadin (radium-223) are under current development but remain unproven at this time and recent data indicate that this agent can prolong survival in patients with advanced prostate cancer.

Summary

Radiation in various forms is highly effective for palliation of pain associated with bone metastases.

Keywords

bone, metastasis, palliation, radiation, radiopharmaceuticals

Original Article

Palliative Radiotherapy for Bone Metastases in the Last 3 Months of Life: Worthwhile or Futile?

K. Dennis, K. Wong, L. Zhang, S. Culleton, J. Nguyen, L. Holden, F. Jon, M. Tsao, C. Danjoux, E. Barnes, A. Sahgal, L. Zeng, K. Koo, E. Chow

Rapid Response Radiotherapy Program, Department of Radiation Oncology, Odette Cancer Centre, Sunnybrook Health Sciences Centre, University of Toronto, Toronto, Ontario, Canada

Received 23 December 2010; received in revised form 24 March 2011; accepted 28 March 2011

Abstract

Aims: To determine the efficacy of radiotherapy for the pulliation of pain from bone metastates among patients in their last 3 months of life.

Materials and methods: Mutually exclusive, prospectively gathered Edmonton Symptom Assessment System and Brief Pain Inventory databases compiled from patients with bone metastases receiving pulliative radiotherapy were reviewed. Demographic information and response rates from patients dying within

patients with some metastases receiving patients of random view reviewed, inclining again, information and response rates from patients dying with a months of beginning action-therapy were analysed.

Results: From a total of IHB patients, 232 dying within 3 months of beginning treatment were identified. There were 148 men and 84 witners. Their median agains was 69 years and their median Kamofiky Performance Status was 60. The three most common primary cancers were lung (1481) prostate (1483) and gastro intestinal (1483). Refly-eight percent of patients received single fraction treatment. A pain response was evaluable for the 106 (473) patients with available follow-up information. The overall response rates were 70% at 1 month and 63% at 2 months, which included complete and partial responses in accordance will the international flore Metastates Consensus definitions.

Conclusions: Despite their limited lifespan, patients reported pain relief after palliative radiotherapy. Patients suffering from painful bone metastases with an estimated survival of 3 months should will be considered for palliative radiotherapy.

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Key words: Bone metastates; pain; pallative care; prognosis; radiotherapy

5/06/2012 EAPC Preconf P7

Systemic Metabolic Radiopharmaceutical Therapy in the Treatment of Metastatic Bone Pain

Fabio M. Paes, MD, and Aldo N. Serafini, MD

Bone pain due to skeletal metastases constitutes the most common type of chronic pain among patients with cancer. It significantly decreases the patient's quality of life and is associated with comorbidities, such as hypercalcemia, pathologic fractures and spinal cord compression. Approximately 65% of patients with prostate or breast cancer and 35% of

those with advanced lung theroid, and kidney cancers will have symptomatic skeletal metastases. The management of bone pain is extremely difficult and involves a multidisciplinary approach, which usually includes analgesics, hormone therapies, bisphosphonates, external beam radiation, and systemic radiopharmaceuticals. In patients with extensive osseous metastases, systemic radiopharmaceuticals should be the preferred adjunctive therapy for pain palliation. In this article, we review the current approved radiopharmaceu-tical amamentarium for bone pain palliation, focusing on indications, patient selection, efficacy, and different biochemical characteristics and toxicity of strontium-80 chloride, samarium-153 lexidronam, and rhenium-186 etidronate. A brief discussion on the available data on rhenium-188 is presented focusing on its major advantages and disadvantages. We

also perform a concise appraisal of the other available treatment options, including pharmacologic and hormonal treatment modalities, external beam radiation, and bisphosphonates. Finally, the available data on combination therapy of radiopharmaceuticals with bisphosphonates or chemotherapy are discussed.

Semin Nucl Med 40:89-104 © 2010 Elsevier Inc. All rights reserved.



ABSTRACT

Purpose
The objective is to update previous meta-analyses with a systematic review of randomized palifative radiotherapy (RT) trials comparing single fractions (SFs) versus multiple fractions (MFs).

The analysis includes all published reports from randomized trials comparing SF or MF schedules for the treatment of painful bone metastases with localized RT. A systematic review was performed using the random-effects model with Review Manager version 4.1 (Cochrane Collaberation, Oxford, UK). The odds ratio and 95% O were calculated for each trial and presented in a forest plot.

Results

A total of 16 rendomized trials from 1986 onward were identified. For intention-to-treat patients, the overall response (OR) rates for pain were similar for SF at 1,468 (58%) of 2,512 patients and MF RT at 1,466 (59%) of 2,467 patients. The complete response (CRI rates for pain were 23% (545 of 2,375 patients) for SF and 24% (558 of 2,351 patients) for MF RT. No significant differences were found in response rates. Trends showing an increased risk for SF RT arm patients in terms of pathological fractures and spinal cord compressions were observed, but neither were statistically significant (P = .75 and P = .13, respectively). The likelihood of re-treatment was 2.5-fold higher (95% Ct.) 1.76 to 3.56 in SF RT arm patients (P < .0001). Repeated analysis of these end points, excluding dropout patients, did not alter the conclusions. Generally, no significant differences with respect to acute toxicities were observed between the arms.

Conclusion

No significant differences in the arms were observed for overall and CR rates in both intention-to-treat and assessable patients. However, a significantly higher re-treatment rate with 5Fs was evident.

J Clin Oncol 25.1423-1436. © 2007 by American Society of Clinical Oncology



Recent important developments in the management of nonspine bone metastases

Liang Zeng", Stephen Lutzh, Edward Chow", and Peter Hoskin"

Purpose of review
Esternal-beam add-otherapy (EBRT) remains the most inspart of receiver for patients with painful bone instautores. This review epidates the recent elementarion regarding therapeutic guidelines, pain flore reaction, technical and points, and quality-of-life (QCU) escauraments.

Recent findings

Firstly, within the framework of the Third International Consenses Conference Workshop on Pallianne

Facilitationapy, the American Society for Reduction Oncology has published evidence bosed involved

Facilitationapy, the American Society for Reduction Oncology has published evidence bosed involved

on the good by indicate of radiationapy centers. Secondly, the definition and proper transgement of pain

flore following the intertion of indenterapy centers. Secondly, the definition and proper transgement of pain

flore following the intertion of indenterapy for bone metastases allows for the prevention is minimization

of this reconservication planetomenon. Thirdy, the appropriate ecologistic for transmert response from

been updated and should be amployed for all clinical vials measuring clinical efficacy. Finally, the EORIC

CLOBNIZ2 GOI module has been validated and should be used to resource GOI, in all potents antered

onto sold. peto mints

Summary
Although the treatment of bone metastases, with EBRT is a well established method for providing po-nitive form poinful bone metastases, recent publications have enhanced our knowledge of the beal opproaches to coping for this pinical scendino.

EAPC Preconf P7 5/06/2012

> I. J. Radiation Oncology ● Biology ● Physics Volume 79, Number 4, 2011

Purpose: To present guidance for patients and physicians regarding the use of radiotherapy in the treatment of bone metastases according to current published evidence and complemented by expert opinion.

Methods and Materials: A systematic search of the National Library of Medicine's PubMed database between 1998 and 2009 yielded 4,287 candidate original research articles potentially applicable to radiotherapy for bone

metastases. A Task Force composed of all authors synthesized the published evidence and reached a consensus regarding the recommendations contained herein.

garding the recommendations contained herein.

Results: The Task Force concluded that external beam radiotherapy continues to be the mainstay for the treatment of pain and/or prevention of the morbidity caused by bone metastases. Various fractionation schedules can provide significant palliation of symptoms and/or prevent the morbidity of bone metastases. The evidence for the safety and efficacy of repeat treatment to previously irradiated areas of peripheral bone metastases for pain was derived from both prospective studies and retrospective data, and it can be safe and effective. The use of stereotactic body radiotherapy holds theoretical promise in the treatment of new or recurrent spine lesions, although the Task Force recommended that its use be limited to highly selected patients and preferably within a prospective trial. Surgical decompression and postoperative radiotherapy is recommended for spinal cord compression or spinal instability in highly selected patients with sufficient performance status and life expectancy. The use of hisphosphonates, radionuclides, vertebroplasty, and kyphoplasty for the treatment or prevention of cancer-related symptoms does not obviate the need for external beam radiotherapy in appropriate patients.

Conclusions: Radiotherapy is a successful and time efficient method by which to palliate pain and/or prevent the morbidity of bone metastases. This Guideline reviews the available data to define its proper use and provide con-

morbidity of bone metastases. This Guideline reviews the available data to define its proper use and provide con-sensus views concerning contemporary controversies or unanswered questions that warrant prospective trial evalnation.



Impact of docetaxel-based chemotherapy on quality of life of patients with castrationresistant prostate cancer: results from a prospective phase II randomized trial

Orazio Caffo, Teodoro Sava*, Evi Comploj*, Annamaria Fariello*, Fable Zustovich⁴, Romana Segati⁴, Cosimo Sacco⁷⁴, Antonello Veccia⁴⁴ and Enzo Galligioni**

Mesical Decilogy Department, Sente Chara Respiral, Frants, Mesical Character (Character) (Character) (Character) Veneral 'Urong-Department Son Mourvio Honolto: Bustone 'Mexica Or- ogy Exportment So Smith House' Sons 'On-ping in Medica T, edition Oriengica Venera (ICCS), Penur 'Mesica Core Department Cult Historia. Feitre: "Merical Discussion Deportment Souta Maira della Miserianda Housian, Upinc "Miserial Encounty Department, Santa Chiaro Hinarial, Trents, Italy Accepted the subtraction 20 Learner 2011

EAPC Preconf P7 5/06/2012

Study Type - Therupy (RCT)

OBJECTIVES

- . To assess maley of life (Ool) numbers and pain changes in patients affected by coatration-resistant prostate concer enrolled is a phase it randomized trul of 3 week docernier IDOC's haved chemistherapis
- . To provide further data to carrie the porticting published data concerning the impact of DOC on the patients' Gol.

PATIENTS AND METHODS.

- . Out outromes were assessed using the European Organisation for the Research and
- Treadment of Cancer 06.0-C30 questionnaire.

 Pain changes were evaluated by means of the Brief Pain Inventory at baseline and after every two DOC courses.
- Die patients complexing at least two questionnaires (at limetine and before the their courter were considered evaluable.

What's known on the subject? and What does the study add?

Data in quality of the during ascertaint finantinest in eastration invistals printate cance was making provided by SWDG and TAXS27 must.

In the 140327 may brantement response and pain predicted survival, whereas quality of Africationes did not

In the present study, there eave ha statistically significant changes in the exactly of the scales during treatment except in the case of patients revening illustrated and estramultine, who experienced a significant derivate in pain. Ou data steer to support motomic are more skely to achieve a blochemical response.

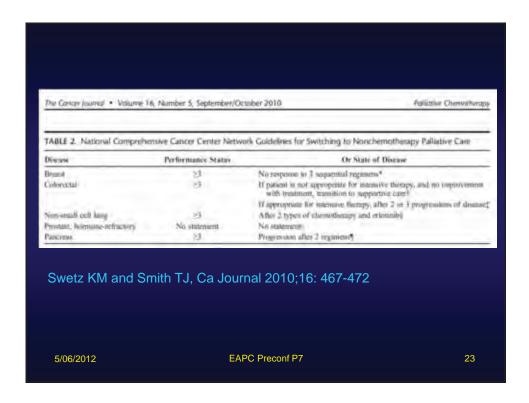
- Asymptomatic patients and responders had a better basisine Oot than symptomatic patients and non-responders.
- . There were no statementy significant intanges in the QLO-CRO scales during resilment except in the case of patients recriving DOC and estramusting with experienced a significant decrease in pain
- There was a progressive reprovement by the main intensity and interference polices. of the Biref Pain Inventory.

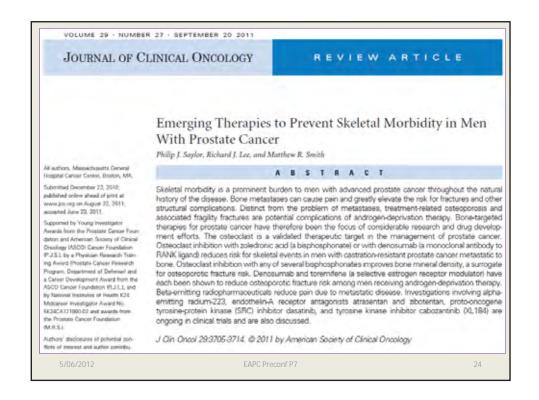
CONCLUSIONS

- . Our suspensemental Did is provide
- There is a subtract to resurtion
- . Our results and support that baseline Ool may predict treatment response

KEYWORDS

collection-existent provide sancer recommitments, must be of life, occurring





VOLUME 26 - NUMBER 6 - MARCH 26 2011

JOURNAL OF CLINICAL ONCOLOGY

ASCO SPECIAL ARTICLE

American Society of Clinical Oncology Executive Summary of the Clinical Practice Guideline Update on the Role of Bone-Modifying Agents in Metastatic Breast Cancer

Catherine H. Van Pazead, Sanah Temis, Gary C. Yee, Nors A. Janjan, William E. Barkon, J. Sybil Biermann, Linda D. Bouerman, Cindy Groghegon. Bruce S. Hillowr. Richard L. Therizott. Dan S. Zuckerman. and Jamie H. Von Roem.

Promitie Unemary of Multipus Area After M. American Scrieds of Clessol Overlage, Nationalis Vigilas Commit-enallis University, Philosophi VI, University and News these Dept Only ME, Career Howards and Economics Swatter, Valle SWaters Charaltery Medical Named Own Cares Operation Law Corp Cares Cares is birry-source Whiteney, Drazy, E. Named Decok for Vising Adaptic Dates. The Ulmonity of Those MEL Assaurce Cares Cares, I was not The and Manager Decok Decok Cares.

Purpose

To update the recommendations on the role of bone-modifying agents in the prevention and treatment of skeletal-related events (SPEs) for patients with metastatic treast cancer with bone metastases.

ABSTRACT

Methods
A literature, search using MEDLINE and the Cochrane Colleboration Library identified relevant atudes published between January 2003 and November 2010. The printery automies of interest were SREs and time to SRE. Secondary outcomes included adverse events and pain. An Update Committee reliablyed the literature and re-evaluated previous recommendations.

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ASCO GUIDELINE UPDATE

The Role of Bone-Modifying Agents (BMAs) in Metastatic Breast Cancer

Intervention

· Bone-modifying agents (BMAs), including bisphosphonates

· Medical Oncologists, Radiation Oncologists, Surgical Oncologists, Palliative Care Providers

Key Recommendations

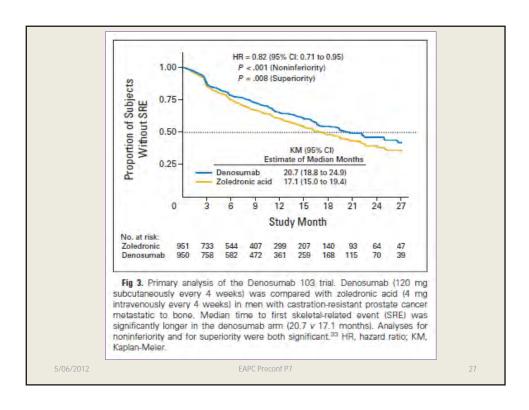
- BMAs are recommended for patients with metastatic breast cancer with evidence of bone destruction.
- . Denosumab 120 mg subcutaneously every 4 weeks: intravenous (IV) pamidronate 90 mg over no less than 2 hours every 3 to 4 weeks; or IV zoledronic acid 4 mg over no less than 15 minutes every 3 to 4 weeks · One BMA is not recommended over another.
- In patients with creatinine clearance > 60 mL/min, no change in dosage, infusion time, or interval is required; monitor creatini level with each intravenous bisphosphonate dose.
- In patients with creatinine clearance < 30 mL/min or on dialysis who may be treated with denosumals, close monitoring for hypocalcemia is recommended.
- All patients should have a dental examination and preventive dentistry before using a BMA.
 At onset of cancer bone pain, provide standard of care for pain management and start BMAs.
- · Use of biochemical markers to monitor BMA use is not recommended for routine care.

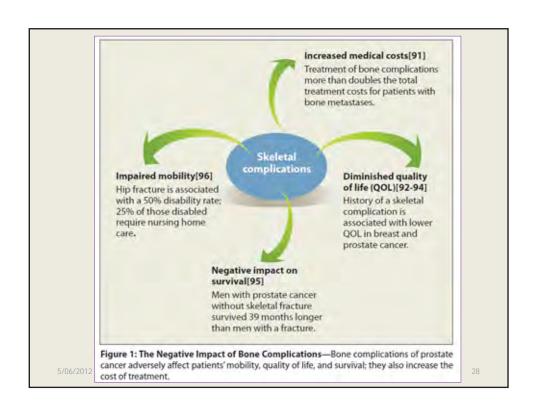
Methods

· Systematic review of medical literature and analysis of the medical literature by the Update Committee of an Expert Panel

. The recommendations, clinical questions, and a brief summary of the literature and discussion are in this Executive Summary.

The full guideline, with comprehensive discussions of the literature, methodology, full reference list, evidence tables, and clinical tools and resources, can be found at www.asco.org/guidelines/bisphosbreast.





Special Article

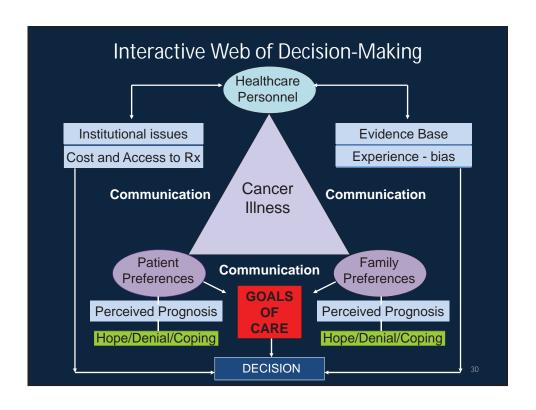
Measuring Outcomes in Palliative Care: Limitations of QALYs and the Road to PalYs

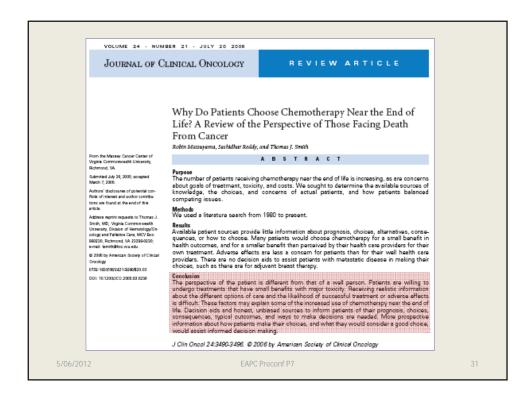
Charles Normand, BA, MA, DPhil, FFPH, FTCD

Centre for Health Policy and Management, School of Medicine, Tranity College Dublin, Dublin, Republic of Ireland

Abstract

Tools for measuring outcomes in health and social care have become key parts of the processes of evaluation and setting priorities. Measures of output that can be used in all settings and specialties have the advantage that they facilitate comparisons and choices between and within patient groups. However, the most commonly used composite measure of outcomes, the quality-adjusted life year (QALY) appears not to work well in complex interventions, such as palliative care, leading to the paradox that there is evidence that people would give priority to interventions and services that would be shown not to be cost-effective, using QALYs as an outcome measure. This article explores the possible reasons for this paradox, and looks at alternative approaches that may provide better tools for setting priorities within palliative care and for comparison of palliative and other care services. J Pain Symptom Manage 2009;38:27–31. © 2009 U.S. Cancer Pain Relief Committee. Published by Elsevier Inc. All rights reserved.



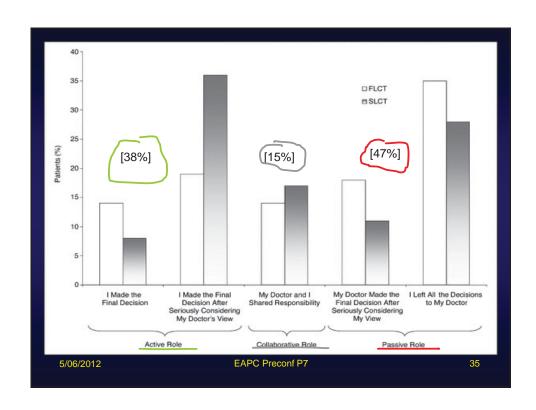


Advanced Breast Ca Pts' Perceptions of Decision Making for Palliative ChemoTx Grunfeld et al JCO 2006:24:1090-1098

- N=102 with advanced Br Ca
- 15 closed fixed choice Qs & 6 open-ended
- 1st Line CT: N=70 and 2nd Line CT: N=47
- 40-60 mins interview with Res Nurse mean of 20/7 and 13/7 post key consult
 - Recall of key clinical decision-making consult
 - Perceptions re info disclosure
 - Perceptions of clinical decision-making process

Recall of Clinical Decision-Making Consultation	All Patient Interviews (N = 117)				erviews of emotherap (n = 7	y Patients	Interviews of <u>Second-Line</u> Chemotherapy Patients (n = 47)		
	No.	%	95% CI	No.	₩	95% CI	No.	1/6	95% C
Recall of discussion about management	101	86	80 to 92	69	.99	92 to 100	32	68	53 to 81
Recall of topics discussed									
Type of chemotherapy proposed	69	59	50 to 68	44	63	50 to 74	25	53	38 to 68
Rationale for management plan	59	50	41 to 59	40.	57	45 to 69	19	41	26 to 56
Start date and duration of chemotherapy	59	50	41 to 59	40	57	45 to 69	19	41	26 to 56
Results of investigations	48	41	32 to 50	48	68	57 to 79	0	0	0 to 6
Other tests/procedures	43	37	32 to 42	31	44	32 to 56	12	26	13 to 39
Recall of explanation about how treatment would be	dp								
Acting directly on the cancer	88	75	67 to 83	58	83	72 to 91	30	64	49 to 77
Maintaining a sense of hope	35	30	22 to 38	15	(22)	13 to 33	20	(43)	28 to 58
Reducing symptoms	29	25	17 to 33	22	31	21 to 44	7	15	6 to 28
Recall of adverse effects					-			_	
Hair loss	66	56	47 to 65	50	71	59 to 82	16	(34)	21 to 49
Nausea	47	40	31 to 49	36	.51	39 to 64	11	23	12 to 38
Fatigue or tiredness	24	21	14 to 27	19	27	17 to 39	5	11	4 to 23
Expressed concern about adverse effects	40	34	25 to 43	34	49	36 to 61	8	12	5 to 26
Doctor's manner									
Very caring/caring	113	98	94 to 100	66	94	86 to 98	47	100	94 to 100
Neither caring nor uncaring	2	1	0 to 3	2	3	0 to 10	0	0	0106
Very uncaring/uncaring	2	1	0 to 3	2	3	0 to 10	0	0	0 to 6
Satisfaction with the consultation in general									
Very satisfied/satisfied	105	90	85 to 94	60	86	75 to 93	45	96	85 to 99
Neither satisfied nor unsatisfied	9	8	3 to 13	7	10	4 to 20	2	4	1 to 15
Very dissatisfied/dissatisfied	3	2	0 to 7	3	4	1 to 12	0	0	0106

Perception of the Clinical Decision-Making Process	All Patient Interviews (N = 117)			Interviews of <u>First-Line</u> Chemotherapy Patients (n = 70)			Interviews of Second- Line Chemotherapy Patients (n = 47)		
	No.	%	95% CI	No.	%	95% CI	No.	%	95% CI
Doctor directly recommended this approach to your treatment/care	108	92	87 to 97	65	3	84 to 98	43	91	80 to 98
How much did you agree with your doctor about your treatment and care?									
Agreed completely about most issues	110	94	90 to 98	66	94	86 to 98	44	94	82 to 99
Neither agreed nor disagreed	5	4	0 to 8	2	3	0 to 10	3	6	1 to 18
Disagreed completely	22		0 to 5	2	3	0 to 10	0	0	0 to 6
How do you feel about the time taken to reach the decision?									
Too long	18	15	13 to 17	13	19	10 to 30	5 11		4 to 23
About the right amount of time	91	84	77 to 91	51	72	61 to 83	40	85	72 to 94
Too quickly	9	1	0 to 3	6	9	3 to 18	2	4	1 to 15
How satisfied are you with how your treatment and care plan has been decided?									
Very satisfied/satisfied	106	91	86 to 96	65	93	84 to 98	41	87	74 to 95
Neither satisfied nor dissatisfied	5	4	0 to 8	4	6	2 to 14	1	2	0 to 11
Very dissatisfied/dissatisfied	6	5	1 to 9	1	1	0 to 8	5	11	4 to 23





original article

Arvett of Chicatogy 21: 380–388, 2010 dist 10,1090 arrens help318 Published orine 4 August 2009

European Society for Medical Oncology (ESMO) Program for the Integration of Oncology and Palliative Care: a 5-year review of the Designated Centers' incentive program

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Background: H 1999, the National Representatives of European Society for Medical Oncology (ESMC) created a Pallative Care Working Group to Improve the delivery of supportive and pallative care (S+PC) by oncoogets, oncology departments and cancer centers. They have addressed this task through inflatives in policy, education. research and incentives. As an incentive programs for oncology departments and centers. ESAC developed a program of Designated Centers (DCs) for programs meeting predetermined targets of service development and delivery of a high level of 51 + PC.

Method: The history, accreditation criteria and implementation of the DC incentive program is describ Results: Since 2004, 75 centers have applied for delignation and 48 have been accredited including 34 comprehensive cancer centers (CCCs) in general hospitals and seven heestanding CCCs. Perceived benefits account. from the accreditation included the following: improved status and role identification of the center, positive impact on daily work, positive impact on business activity and positive impact on funcing for projects.

Conclusions: The accreditation of DCs has been a central to the ESMO initiative to improve the pa

provided by encologists and encology centers. It is likely that many other encology departments and cancer centers simulay meet the criteria and ESMO strongly encourages them to apply for accorditation.

Key words: European Society for Medical Oncology, education. Oncology, palliative care, supportive care.

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> Supporting Treatment Decision Making in Advanced Cancer: A Randomized Trial of a Decision Aid for Patients With Advanced Colorectal Cancer Considering Chemotherapy

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ABSTRACT

Purpose
Decision making in advanced cancer is increasingly complex. We developed a decision aid (DA) for patients with advanced colorectal cancer who are considering first-line chemotherapy and reviewing treatment options, prognostic information, and toxicities. We examined its impact on patient understanding, treatment decisions, decisional conflict, decision making, consultation satisfaction, anxiety, and quality of life by using a randomized trial design.

Patients and Methods
In all, 207 patients with colorectal cancer who were considering first-line chemotherapy for metastatic diseases were randomly assigned to receive a standard medical oncology consultation or a consultation in which the DA (take-home booklet with audio recording, reviewed by an oncologist) was used. Participants completed questionnaires postconsultation, postdecision, and 1 month later.

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Mesults

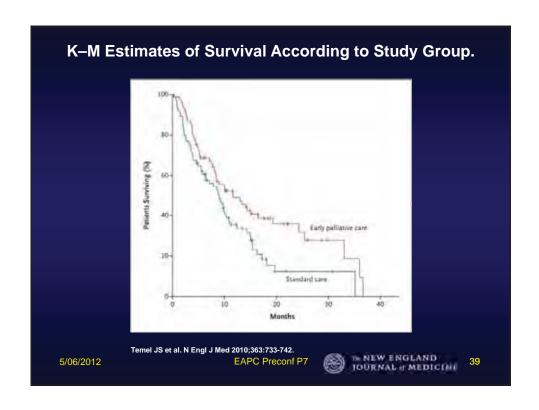
In this study, 100 patients were randomly assigned to the control arm, and 107 received the DA.
Median age of the sample was 62 years, 56% were male, 69% had a performance status of 0 or
1, and 36% had received prior adjuvant chemotherapy. Patients receiving the DA demonstrated a
greater increase in understanding of prognosis, options, and benefits, with higher overall
understanding IP < .001). Decisional conflict, treatment decisions, and achievement of involvement preferences were similar between the groups. Anxiety was smilar across groups and
decreased over time. Most patients were confident in a decision during the first consultation; 74%,
chose chemotherapy, 7% supportive care alone, and 10% observation.

Conclusion

This randomized trial of a decision aid in advanced cancer showed that its use in advanced colorectal cancer improved patient understanding of prognosis, treatment options, risks, and benefits without increasing anxiety. DAs can improve informed consent and can be tested through randomized trials even in the advanced cancer setting.

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ABSTRACT

Purpose
Understanding of prognosis among terminally ill patients impacts medical decision making. The aims of this study were to explore percuptions of prognosis and goals of therapy in patients with metastatic non-small-cell lung cancer (NSCLC) and to examine the effect of early palliative care on these views over time.

Patients with newly diagnosed metastatic NSCLC were randomly assigned to receive either early palliative care integrated with standard oncology care or standard oncology care alone. Participants completed baseline and longitudinal assessments of their perceptions of prognosis and the goals of cancer therapy over a 6-month period.

We enrolled 151 persopants on the study. Despite having terminal cancer, one third of patients 146 of 145 patients) reported that their cancer was curable at baseline, and a majority (86 of 124 patients) endorsed getting nd of all of the cancer as a goal of therapy. Baseline perceptions of prognosis lie, curability, and goals of therapy did not differ significantly between study arms. A greater percentage of patients assigned to early palliative care retained or developed an accurate assessment of their prognosis over time 82.5%, v59.6%, P=021 compared with those receiving standard care. Patients receiving early palliative care who reported an accurate perception of their prognosis were less likely to receive intravenous chemotherapy near the end of life (9.4% v 50% 0 ... 001

Many patients with newly diagnosed mutastatic NSCLC hold inaccurate perceptions of their prognoses. Early pallistive care significantly improves patient undenstanding of prognosis over time, which may impact decision making about care near the end of life.

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ASCO SPECIAL ARTICLE

American Society of Clinical Oncology Statement: Toward Individualized Care for Patients With Advanced Cancer

Jeffrey M. Peppercorn, Thomas J. Smith, Paul R. Helft, David J. DeBono, Scott R. Berry, Dana S. Wollins, Daniel M. Hayes, Jamie H. Von Roenn, and Lowell E. Schnipper

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ABSTRACT

Patients with advanced incurable cancer face complex physical, psychological, social, and spiritual consequences of disease and its treatment. Care for these patients should include an individualized assessment of the patient's needs, goals, and preferences throughout the course of illness. Consideration of disease-directed therapy, symptom management, and attention to quality of life are important aspects of quality cancer care. However, emerging evidence suggests that, too often, realistic conversations about prognosis, the potential benefits and limitations of disease-directed therapy, and the potential role of palliative care, denents and imminations of disease-directed inerapy, and the potential role of palliative care, either in conjunction with or as an alternative to disease-directed therapy, occur late in the course of illness or not at all. This article addresses the American Society of Clinical Oncology's (ASCO's) vision for improved communication with and decision making for patients with advanced cancer. This statement advocates an individualized approach to discussing and providing disease-directed and supportive care options for patients with advanced cancer throughout the continuum of care. Building on ASCO's prior statements on end-of-life care (1998) and palliative care (2009), this article reviews the evidence for improved patient care in advanced cancer when patients' individual patients are one of discussions. cancer when patients' individual goals and preferences for care are discussed. It outlines the goals for individualized care, barriers that currently limit realization of this vision, and possible

strategies to overcome these barriers that can improve care consistent with the goals of our

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patients and evidence-based medical practice

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Conclusions

- Decision-making re DMT is complex: individualized approach and further studies needed
- Trend towards more aggressive use of DMTs? reflecting advances: need to evaluate PROs
- Increasing evidence that Pall Care referral / integrated care is associated with better coping, QoL, decision-making and even survival
- Tactful communication time and training
- Guidelines / MDT conferences / Decision Aids help
- Cost is an arbiter in relation to decisions regarding newer therapies (? PALYs vs QUALYs)