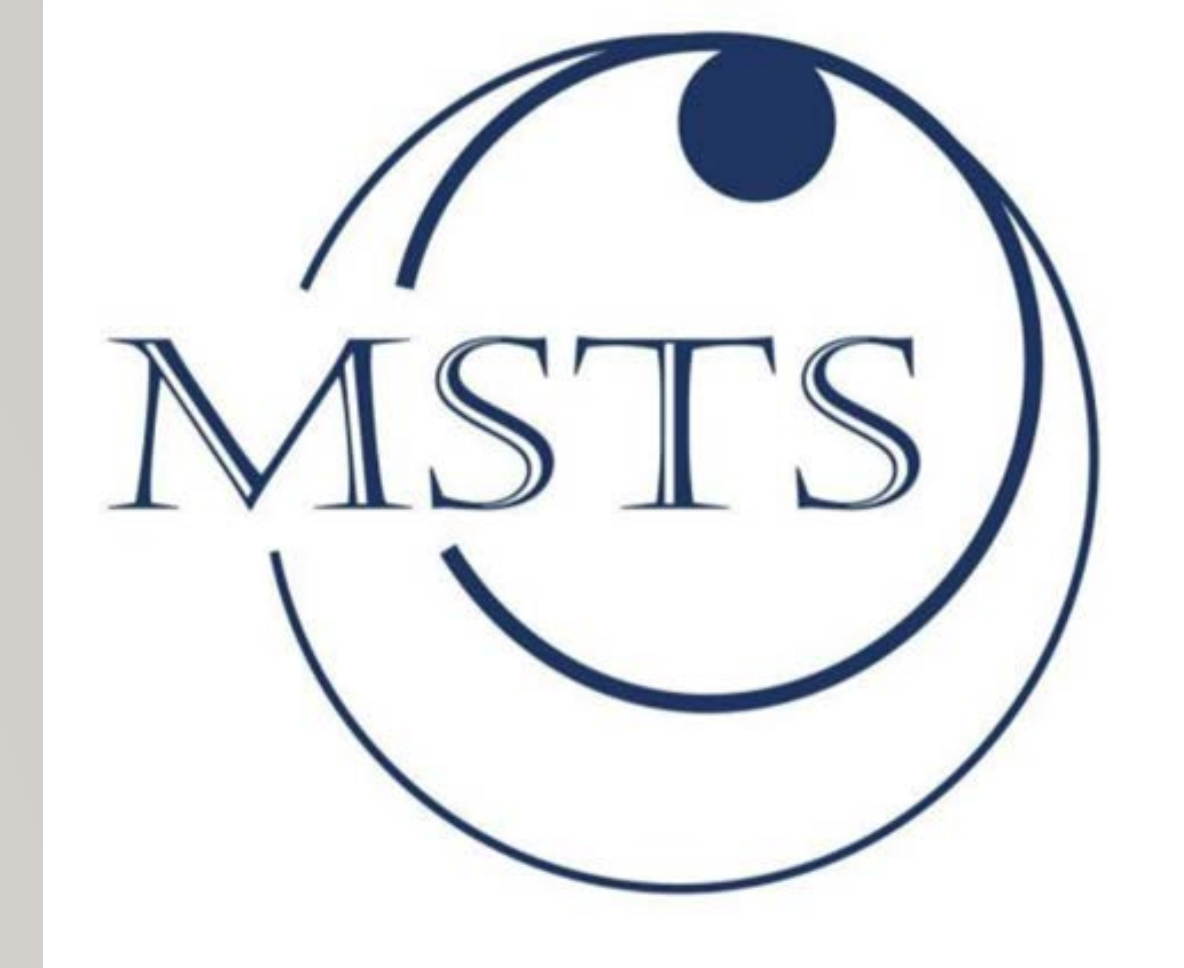


MSTS Evidence Based Medicine Committee – 2020 Update and Goals



Felasfa Wodajo, MD (Chair)

Lawrence Menendez, MD, Christian Ogilvie, MD, Steven Thorpe, MD, Matthew Wallace, MD

Mission

To advance the vision of the MSTS as a recognized authority on all aspects of orthopaedic oncology, participate in policy-making for orthopaedic oncology services, and facilitate the needs and practice standards for orthopaedic oncologists and their patients.

Clinical Practice Guidelines (CPG)

The committee identifies pressing clinical questions in need of rigorous, systematic literature review, and aggregates available high-level data to write guideline recommendations and statistical analysis.

2020 CPG recommendations on OrthoGuidelines.org:

Treatment of Metastatic Carcinoma and Myeloma of the Femur

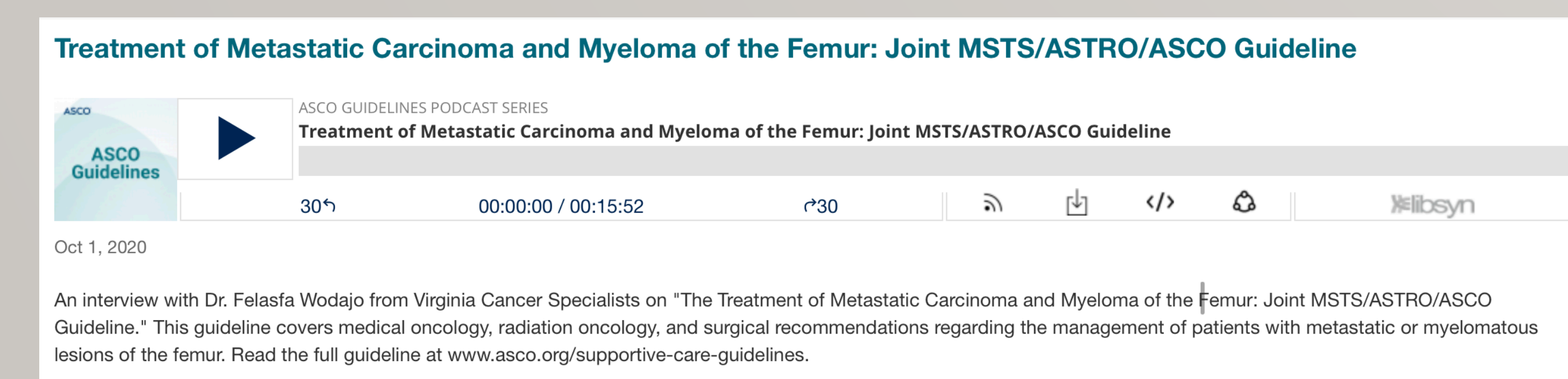
Principal Authors: [Felasfa Wodajo](#) and Patrick Getty

Produced in collaboration with ASCO and ASTRO

Provides guidelines around the use of medical, radiation, and surgical interventions regarding the management of metastatic bone disease and myeloma of the femur.

Document Link:

<http://msts.org/view/download.php/education/mbd-cpg-amended>



Podcast link:

<http://guideline.asco.libsynpro.com/treatment-of-metastatic-carcinoma-and-myeloma-of-the-femur-joint-mstsastroasco-guideline>

Appropriate Use Criteria (AUC)

The committee identifies clinical scenarios with multiple options for intervention, then combines existing evidence with expert opinion to rank the appropriateness of each intervention for the clinical scenario.

What is the effect of delayed diagnosis on sarcoma outcomes? – [Lawrence Menendez](#)

Workup of suspicious bone lesions – [Felasfa Wodajo](#)

Information/Position Statements

Committee authors propose a reflection on an issue of relevance to MSTS members, which is then submitted to the executive committee for approval.

Information statements by members often are then used to initiate collaboration on CPG and AUC development with other professional societies:

Current EBM Committee Collaborations

American Academy of Orthopaedic Surgeons (AAOS)



CPG Workgroup: Transtibial Amputation & Targeted Muscle Reinnervation – [Matthew Wallace](#)

CPG Workgroup: Surgical Site Infections

Current EBM Committee Collaborations

American College of Radiology (ACR)



BONE RADS

-Radiology reporting and data systems (RADS) for radiographic evaluation and scoring of bone lesions. – [Eric Henderson](#)

American Society of Clinical Oncology (ASCO)



Guideline on Adjuvant Chemotherapy in Localized soft tissue sarcoma – [Steven Thorpe](#)

American Society for Therapeutic Radiology (ASTRO)

Clinical Practice Guideline: Radiation Therapy for Soft-Tissue Sarcoma – [Steven Thorpe](#)

Completion anticipated 2020-2021



KQ1: Role and indications for radiation in treatment of extremity and truncal adult soft-tissue sarcomas.

KQ2: Considerations for determining pre-operative versus post-operative radiation

Next Investigations

Soft Tissue RADS – ACR collaboration – [Matthew Wallace](#)

Appropriate workup of soft tissue lesions – SSO collaboration

Acknowledgements

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