

Background

- Metaplastic breast carcinoma is a rare subtype of breast cancer associated with a very poor prognosis
- Is a chemo resistive and aggressive cancer and an important diagnostic consideration
- Treatment of metaplastic breast cancer often requires multiple modalities (chemo, radiation, and hormone therapy)
- Defies classic pattern of metastasis typically seen with breast cancer

This study aims to:

Characterize metaplastic breast carcinoma and highlight key imaging findings that may help differentiate it from other more common breast cancers.

Methods

- Identified a patient who recently reported to the University of California, San Diego who was diagnosed with metaplastic breast carcinoma
- Reviewed the patients chart, relevant imaging, and immunohistochemical test results

Differential Diagnosis

- Medullary carcinoma
- Mucinous breast cancer
- Papillary breast cancer
- Phyllodes tumor

Image 1a (left): medial lateral oblique (MLO) mammogram demonstrating global asymmetry at the site of palpable abnormality (blue arrow) including abnormal morphology axillary lymph node (yellow arrow).

Image 1b (right): Cranio-caudal (CC) mammogram demonstrating global asymmetry at the stie of palpable abnormality (blue arrow).



Image 2: Transverse ultrasound, abnormal morphology of left axillary lymph node that demonstrates asymmetrical thickening and compression of fatty hilum (yellow arrow).

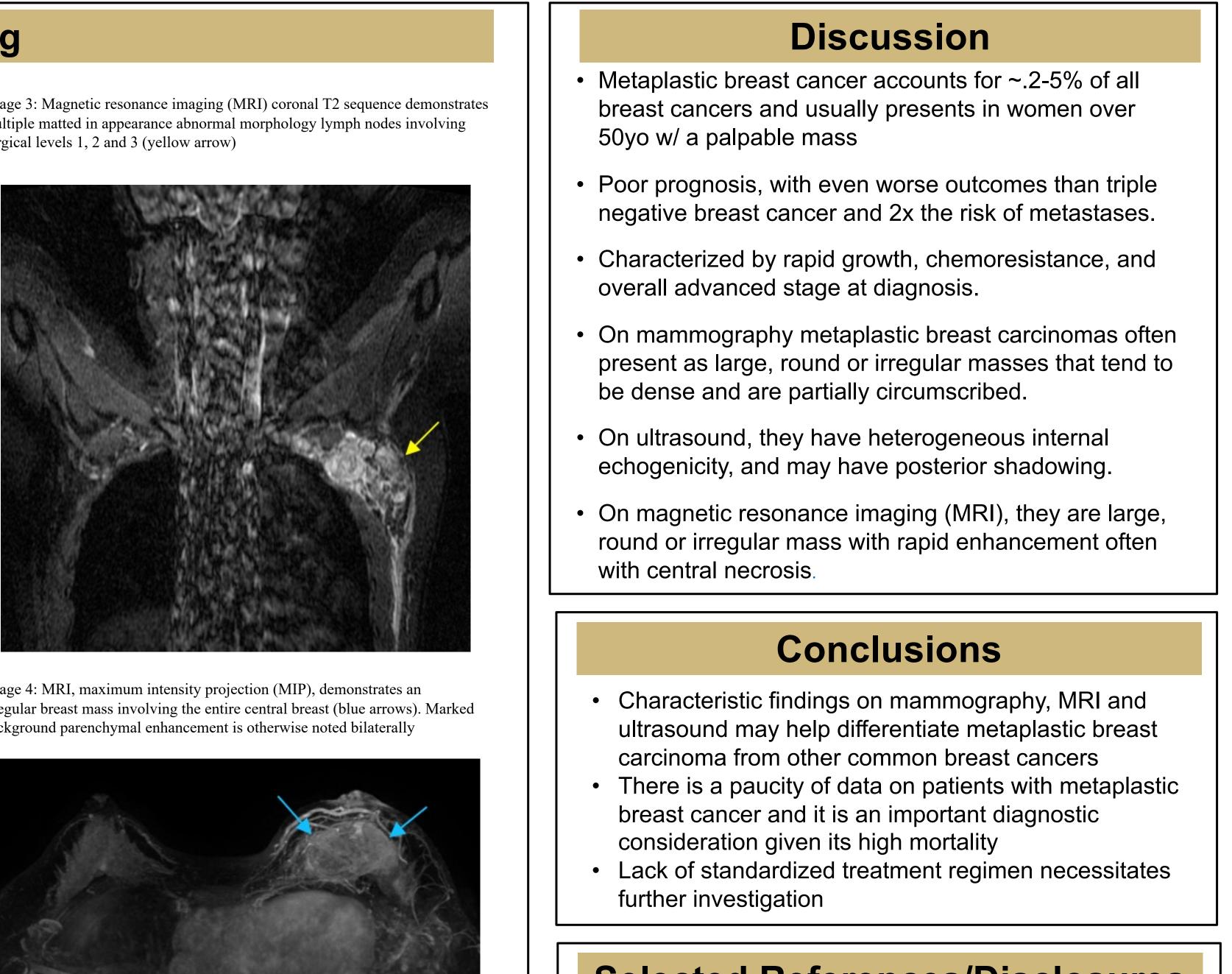
Metaplastic Breast Carcinoma: A Case Report

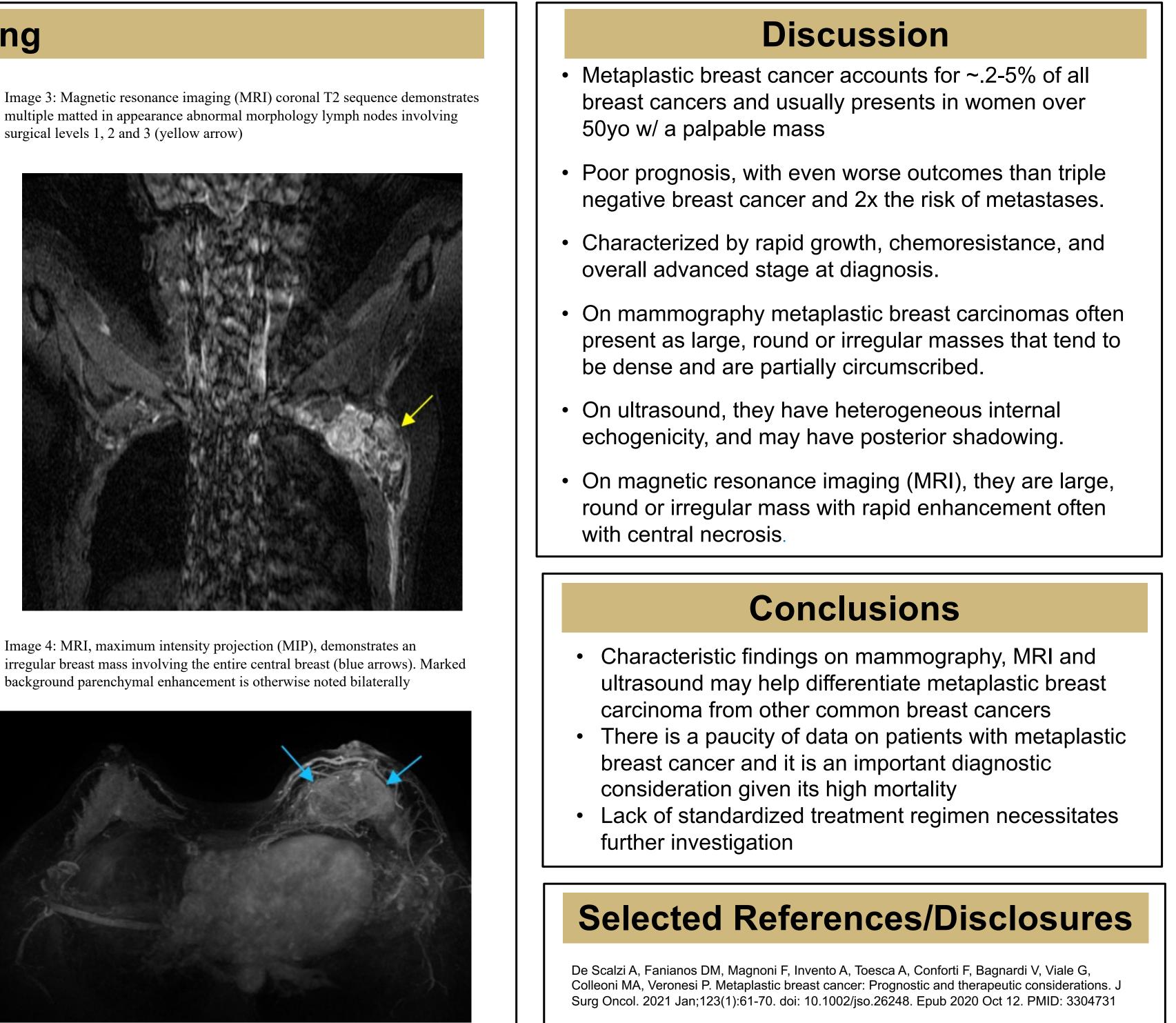
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Imaging









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