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### Metastatic HER-2 positive breast cancer

The patient is a single 36 years old woman that her Chief Complaint is change in Right breast skin. Invasive ductal carcinoma is confirmed by breast biopsy (ER and PR positive, highKi67 and HER2 positive). Staging work up was conducted and plural effusion detected that was malignant also abnormal absorption in manubrium in Bone scan.

By starting the chemotherapy, the oncologist faced to abnormality in the contralateral breast cancer. She was operated and received more local treatment, local recurrence and .... Then when was on anti-HER2 and Endocrine Therapy brain metastasis were observed in MRI so radiotherapy was chosen. Eventually uncontrolled local recurrence, more than three line of chemotherapy, repeated brain metastasis result in failure in survival.

There are some discussions in these patients:

- Local treatment for primary in metastatic breast cancer
- Radiotherapy in metastatic patients who are high risk for local recurrence
- Discordancy in IHC result
- Management of Brain Metastasis
- Sequencing of systemic treatment
- Management of local recurrence on chest wall

And even more subjects depend on time and audience concepts. In the nutshell I hope to have an interactive discussion end to wrap up with some take home messages.

### Biography

M Malekzadeh Moghani is an Assistant Professor at Shahid Beheshti University of Medical Sciences (SBMU). He and his coworkers are working at Shohada hospital, which is one of the main referral centers of Tehran for this current research. He is the Head of Educational methods committee of EDO, SBMU, and the Collaborator in Cancer Research Center at SBMU in research and fellowship training. He also serves as the Head of International committee of Iranian society of Radiation oncologist, Co-partner in Advisory board of Breast cancer and cervical cancer, and the Member of national oncologic guidelines committee in Health ministry.

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