Diagnostik und Therapie früher und fortgeschrittener Mammakarzinome

Besondere Situationen und Lokalisationen in der metastasierten Situation

Keine Literatur
Besondere Situationen und Lokalisationen in der metastasierten Situation

- **Versionen 2002–2019:**
  Albert / Bauerfeind / Bischof / Böhme / Brunnert / Dall / Diel / Fehm / Fersis / Friedrich / Friedrichs / Gerber / Hanf / Janni / Kolberg-Liedtke / Kreipe / Lück / Lux / Maass / Oberhoff / Rezai / Schaller / Schütz / Seegenschmiedt / Solomayer / Souchon / Thommssen

- **Version 2020:**
  Loibl / Rody

Pubmed 1.1.2014 bis 01.01.2019
Cochrane database

5. Soran A et al. Early follow up of a randomized trial evaluating resection of the primary breast tumor in women presenting with de novo stage IV breast cancer; Turkish study (protocol MF07-01) SABCS [S2-03], 2013
Local surgical
4. Soran A et al. A randomized controlled trial evaluating resection of the primary tumor in women presenting with de novo stage IV breast cancer; Turkish study (MF07-01). J Clin Oncol 34, 2016 (suppl; abstr 1005)
Oligometastasierung
Radical radiotherapy


   Radiother Oncol. 2018 Jan;126(1):177-180.
Lokale Therapie in der primär metastasierten Situation

<table>
<thead>
<tr>
<th>Operation (R0) des Primärtumors</th>
<th>Oxford LoE</th>
<th>GR</th>
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</tr>
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<tbody>
<tr>
<td>Bei alleiniger ossärer Metastasierung</td>
<td>2b*</td>
<td>B</td>
<td>+/-</td>
</tr>
<tr>
<td>Bei visceralen Metastasen</td>
<td>2b*</td>
<td>B</td>
<td>-</td>
</tr>
<tr>
<td>Axillaoperation bei cN1</td>
<td>5</td>
<td>D</td>
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<tr>
<td>Sentinel bei cN0</td>
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<td>Radiotherapie des Primärtumors</td>
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<tr>
<td>Ohne Operation</td>
<td>3a</td>
<td>C</td>
<td>+/-</td>
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<tr>
<td>Nach brusterhaltender Operation oder nach Mastektomie (entsprechend adj. Indikation)</td>
<td>3a</td>
<td>C</td>
<td>+</td>
</tr>
</tbody>
</table>

Operation (R0) des Primärtumors


Radiotherapy

Statements:

Resection of liver metastasis (R0)
HR positive: chemotherapy sensible, long disease-free interval, absence of extrahepatic disease, ≤ 3 metastases
Her2 positive: age < 50 y., metastasis < 5 cm, no further metastases

Diagnostics

Local surgery


Statement: Regional chemotherapy


Statement: Regional radiotherapy

1. Hoffmann RT, et al: Radiofrequency ablation after selective internal radiation therapy with Yttrium90 microspheres in metastatic


Statement: Thermoablation


Before surgery: staging and biopsy (fine-needle aspiration with CT-guidance or transbronchial needle aspiration)

Resection of pulmonary metastases by VATS or conventional resection

In case of multilocular metastatic disease
In case of single metastases on one side with curative intent

Metastasectomy.


Statement: Thermoablation (CT-guided RFA, LITT)

Statement: Regional radiotherapy
If expected survival is short, less invasive procedures should be considered

**VATS and Talcum-pleurodesis**

**Chemical pleurodesis**
- Talcum powder
- Bleomycin, Doxycycline, Mitoxantrone
- Povidone-iodine (20 ml of 10% solution)

**Serial thoracocentesis**

Statement: Continuous pleural drainage

Statement: Systemic treatment after pleurodesis


