A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

Lisievici A.C.\textsuperscript{1,2}, Georgescu T.A.\textsuperscript{1,2,3}, Leventer M.\textsuperscript{4}, Dodan G.\textsuperscript{4}, Tebeică T.\textsuperscript{1}

1. Department of Pathology, Dr. Leventer Centre, Bucharest, Romania
2. Carol Davila University of Medicine and Pharmacy, Bucharest, Romania,
3. Department of Pathology, Bucharest Emergency University Hospital, Romania,
4. Department of Dermatovenerology, Dr. Leventer Centre, Bucharest, Romania,
Disclosure Information

I have nothing to disclose.

Name of the enterprise / Nature of the interest

<table>
<thead>
<tr>
<th>Enterprise</th>
<th>Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

Proportion of main cutaneous metastatic entities:
- Breast carcinoma: 36.36%
- Melanoma: 27.27%
- Squamous cell carcinoma: 18.18%
- Adenocarcinoma: 9.09%
- Other: 9.09%

Primary site of adenocarcinomas:
- Colon: 30.00%
- Upper digestive tract: 50.00%
- Pulmonary: 20.00%
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit.

Proportion of main cutaneous metastatic entities:
- Breast carcinoma: 36.36%
- Melanoma: 27.27%
- Squamous cell carcinoma: 9.09%
- Adenocarcinoma: 18.18%
- Other: 9.09%

Legend:
- Breast carcinoma
- Melanoma
- Squamous cell carcinoma
- Adenocarcinoma
- Other
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

Organ of origin for metastatic carcinomas

- Breast: 16
- Colon: 3
- Pancreas and biliary tract: 4
- Squamous cell of unknown primary: 4
- Kidney: 2
- Lung: 2
- Ovary: 1
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

Clinical presentation
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit.
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

Presence of ulceration

- Ulcerated: 81.82%
- Non-ulcerated: 18.18%
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

Epidermal involvement

- **20.45%** epidermotropism present
- **79.55%** no epidermotropism
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

• A median of 7 immunohistochemical markers were used in order to come to the final diagnosis.

• More than half all cases had clinical aspects suggestive for metastasis.

• 53% had no history of neoplastic disease.
LOBULAR CARCINOMA
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit.

ER
GATA3
E-Cadherin
MELANOMA

A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

HMB45
CHOLANGIOCARCINOMA

A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit.
A 5-year retrospective analysis of cutaneous metastases from a single dermatopathology unit

CASE PRESENTATION AND QUIZ
DIAGNOSIS?

• Metastatic adenocarcinoma of unknown primary with pseudoepitheliomatous hyperplasia?

• Metastatic rectal adenosquamous carcinoma?

• Metastatic cervical carcinoma?

• Metastasis of colon adenocarcinoma within invasive SCC?

• Mysteryoma? 😊
DIAGNOSIS?

• Metastatic adenocarcinoma of unknow primary with pseudoepitheliomatous hyperplasia?

• Metastatic rectal adenosquamous carcinoma?

• Metastatic cervical carcinoma?

• Metastasis of colon adenocarcinoma within invasive SCC

Cutaneous Metastases From Internal Malignancies: A Clinicopathologic and Immunohistochemical Review

Inmaculada Alcaraz, MD,* Lorenzo Cerroni, MD,† Arno Rütten, MD,‡ Heinz Kutzner, MD,‡ and Luis Requena, MD*
THANK YOU FOR YOUR ATTENTION!