Primary hyperoxaluria type 1: clinical, genetic and biochemical studies

van Woerden, C.S.

Citation for published version (APA):
APPENDIX 01

**Oxalosis:**
Reports of oxalosis
## APPENDIX 01

### OXALOSIS:

Reports of oxalosis

<table>
<thead>
<tr>
<th>Year of report</th>
<th>Description</th>
<th>Number of patients affected/ total number</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BONE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1987</td>
<td>Diffuse sclerosis</td>
<td>1/1</td>
<td>Nemcek <em>et al.</em> (15)</td>
</tr>
<tr>
<td>1989</td>
<td>Subperiostal resorption</td>
<td>1/1</td>
<td>Brady <em>et al.</em> (4)</td>
</tr>
<tr>
<td>1990</td>
<td>Increased density, sclerotic changes</td>
<td>1/1</td>
<td>Schneider <em>et al.</em> (18)</td>
</tr>
<tr>
<td>1991</td>
<td>Diffuse sclerosis, bone translucency, subperiosteal phalangeal resorption</td>
<td>20/20</td>
<td>Benhamou <em>et al.</em> (2)</td>
</tr>
<tr>
<td>1977</td>
<td>Crystals in marrow</td>
<td>3/7</td>
<td>Gottlieb <em>et al.</em> (7)</td>
</tr>
<tr>
<td>1982</td>
<td>Soft tissue calcifications</td>
<td>3/7</td>
<td>Martijn <em>et al.</em> (11)</td>
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<tr>
<td>1983</td>
<td>Osseous changes</td>
<td>1/1</td>
<td>Anderson <em>et al.</em> (1)</td>
</tr>
<tr>
<td>1990</td>
<td>Osteitis fibrosa cystica, osteosclerosis</td>
<td>1/1</td>
<td>Stull <em>et al.</em> (22)</td>
</tr>
<tr>
<td><strong>SKIN</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>1974</td>
<td>Macroscopic depositions at the skin</td>
<td>1/1</td>
<td>Jansen <em>et al.</em> (10)</td>
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<tr>
<td>1989</td>
<td>Livedo reticularis: oxalate crystals in the wall of the blood vessels of the skin</td>
<td>1/1</td>
<td>Bodemer <em>et al.</em> (3)</td>
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<tr>
<td>1967</td>
<td>Calcified elastic fibers, no oxalate at the site of the skin lesions</td>
<td>1/1</td>
<td>Smeenk <em>et al.</em> (21)</td>
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<tr>
<td><strong>EYE</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1977</td>
<td>Flecked retina</td>
<td>1/1</td>
<td>Gottlieb <em>et al.</em> (7)</td>
</tr>
<tr>
<td>1988</td>
<td>Oxalate deposition in the retina vessel wall</td>
<td>8/24</td>
<td>Small <em>et al.</em> (20)</td>
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<tr>
<td>1984</td>
<td>Calcium Oxalate crystal deposition in all vascularized ocular tissues: conjunctiva, iris, ciliary body, inner layers of the retina, choroids, episclera, sclera, ocular muscles</td>
<td>2/2</td>
<td>Meredith <em>et al.</em> (13)</td>
</tr>
<tr>
<td>1991</td>
<td>Calcium Oxalate crystal deposition not related to vascularized ocular tissues: outer plexiform layer, nuclear layer</td>
<td>1/1</td>
<td>Sakamoto <em>et al.</em> (17)</td>
</tr>
</tbody>
</table>
BRAIN AND MENINGES

1977 Deposition in meninges, in walls of congested meningeal vessels. In the brain.

Haqqani et al. (9)

VASCULAR/ MISCELLANEOUS

1986 Vascular calcifications
Soft-tissue calcifications
Skeletal abnormalities
osteopenicity, osteodystrophy,
dense metaphyseal bands,
submarginal metaphyseal
lucency, a wide translucent
metaphyseal zone with
sclerosis of the adjacent
diaphysis, metaphyseal
waisting

Day et al. (6)

1990 Vascular calcifications
Stull et al. (22)

NERVES

1976 Axonal degeneration
Segmental demyelination
Oxalate crystals in axons

Hall et al. (8)

1975 calcium oxalate within
the endoneurium

Moorhead et al. (14)

HEART

1981 Oxalate infiltration
of the sinoatrial node
and its approaches

Massie et al. (12)

1991 Dilated cardiomyopathy
and arrhythmias

Rodby et al. (16)

MISCELLANEOUS

1952 Scattered crystals
heart, thymus, lungs,
spleen, pituitary gland

Chou et al. (5)

1965 Depositions
as described above
Vascular system:
oxalate between tunica media
and lamina elastica interna
Oxalate in interstitium
of nerve cells choroids plexus,
pineal gland

van Gastel et al. (23)

Hall et al. (8)
REFERENCES


