mental retardation syndrome, Wilson type

Eponyms:  
- mental retardation X-linked syndrome-6 with gynecomastia and obesity  
- MRXS6  
- WTS

Inheritance:  
supposed X-linked recessive

Semeiological Synthesis:  
Genito-neurologic disorder. Mental retardation, obesity, gynecomastia, speech difficulties, other clinical findings.

<table>
<thead>
<tr>
<th>Group</th>
<th>Sub group</th>
<th>Signs:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Endocrino-logical, metabolic disorders</td>
<td></td>
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<tr>
<td></td>
<td>obesity</td>
<td></td>
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<tr>
<td></td>
<td>- obesity, total</td>
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</tbody>
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GENITAL DISORDERS  
breast, changes  
- gynecomastia  
genital dysfunctions  
- hypogenitalism, hypogonadism; small testes, microorchidism, hypoplastic scrotum

LABORATORY DATA  
chromosomal assignment  
- chromosome X localization  
- chromosome Xp localization  
gene, structural-functional anomalies  
- gene analysis-DNA analysis  
- MRXS6 (WTS), gene chr.Xp21.1-q22

NEUROLOGICAL DISORDERS  
mental retardation  
- mental retardation  
performance changes, not including mental retardation  
- speech dyspraxia, including speech delayed

OTHERS  
supergroups  
- endocrino-neuro disorders  
- genito-neuro-skeletal disorders

SKELETAL DISORDERS  
fingers, modified form, deformity  
- fingers, tapering  
hand-foot, changes  
- hand-foot, short, small

Super group: endocrino-neuro disorders  
genito-neuro-skeletal disorders

Super aggreg.  
Aggregations:

<table>
<thead>
<tr>
<th>Differential diagnosis:</th>
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<tbody>
<tr>
<td>9382 Ahmad syndrome</td>
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<tr>
<td>3470 Borjeson syndrome</td>
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<tr>
<td>5680 Chudley-Lowry-How syndrome</td>
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<tr>
<td>5970 Cohen syndrome</td>
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<tr>
<td>14490 Laurence-Moon syndrome</td>
</tr>
<tr>
<td>16275 mental retardation, X-linked, Clark-Baraitser</td>
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<tr>
<td>16250 mental retardation, Fryns-Dereymaeker syndrome</td>
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<tr>
<td>21550 Prader-Willi syndrome</td>
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<tr>
<td>26180 Urban-Rogers-Meyer syndrome</td>
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</tbody>
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Bibliography
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