Rare case of thyroiditis De Quervain in a 6 year old girl
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Subacute thyroiditis or De Quervain thyroiditis:
- Self limited inflammatory disease of the thyroid gland
- Caused by viral infection in genetically predisposed individuals
- Uncommon in adults, very rare in children

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<tr>
<th>Time</th>
<th>ESR</th>
<th>CRP</th>
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<tbody>
<tr>
<td>On admission</td>
<td>70mm</td>
<td>74.9 mg/l</td>
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<tr>
<td>2nd week</td>
<td>25 mm</td>
<td>0.4 mg/l</td>
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Case report
6 year old girl with 10 days history of fever, sore throat, weightloss, neck and ear pain
Clinical mild lymphadenopathy, diffuse painful swelling in the right neck
High infection parameters, high fT4, low TSH
U/S: diffuse inhomogen enlargement of the right thyroid globe, without abscess formation
On NSAID for 5 weeks, rapid resolution of fever and symptoms. Euthyreosis in 2 weeks
Virologic studies negative
Recurrent fever intermittently for 4 months
The right globe of the thyroid gland returned to normal size in 8 weeks

Thyroid gland function tests

Conclusion
- Subacute thyroiditis is very uncommon in children but it may be underdiagnosed as symptoms resemble common viral illnesses
- Thyroid malignoma or acute suppurative thyroiditis must be ruled out
- Symptomatic treatment with NSAID (further optional treatment with steroids)
- Usually complete remission without complications