

Ska vi revidera höftuppföljningen i
CPUP?



Gunnar Häggglund

The natural history

15% of the total population of children with CP develops hip dislocation, if not prevented

The natural history

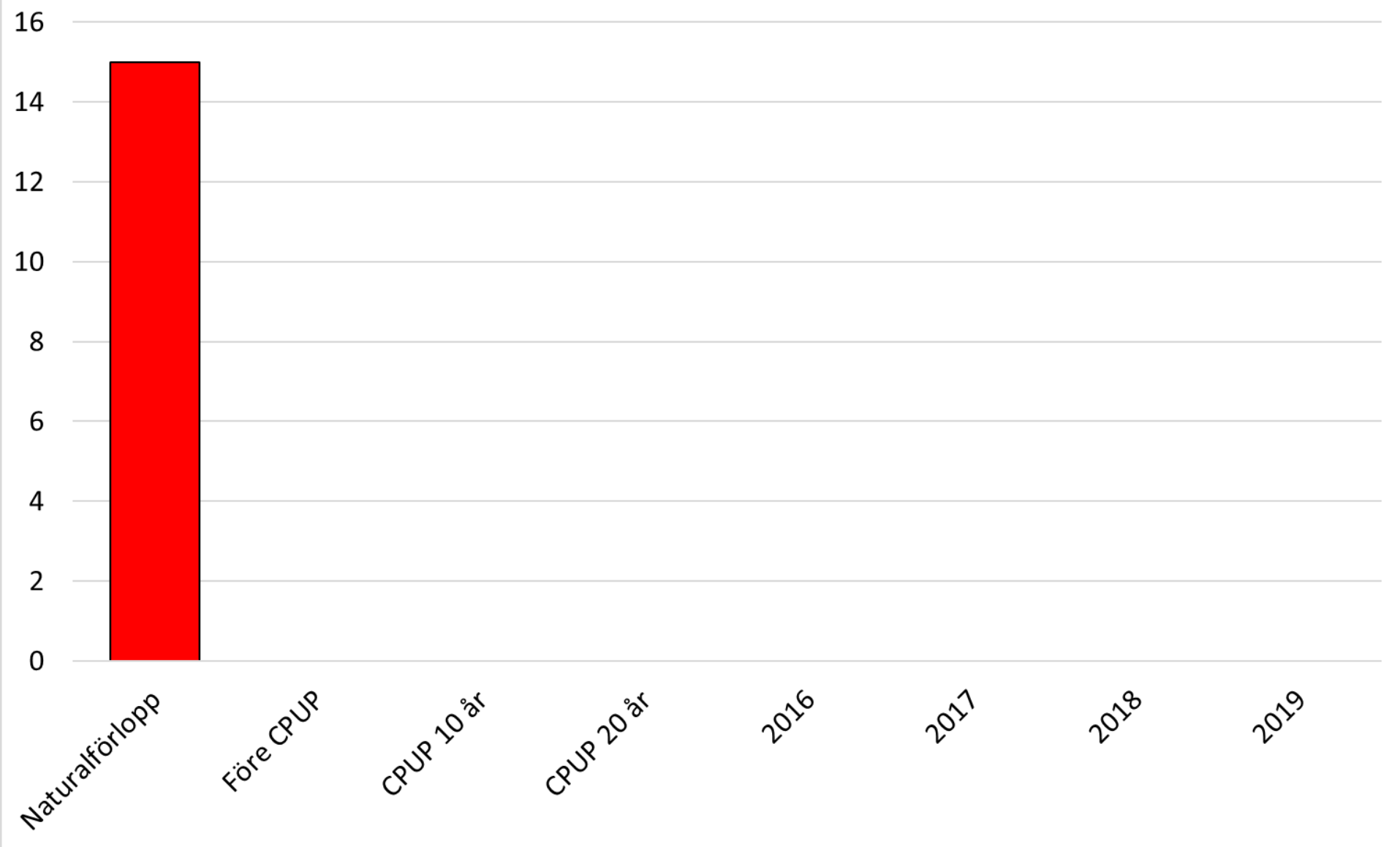
50% of children at GMFCS level V
develops hip dislocation, if not prevented

1994 - 2006

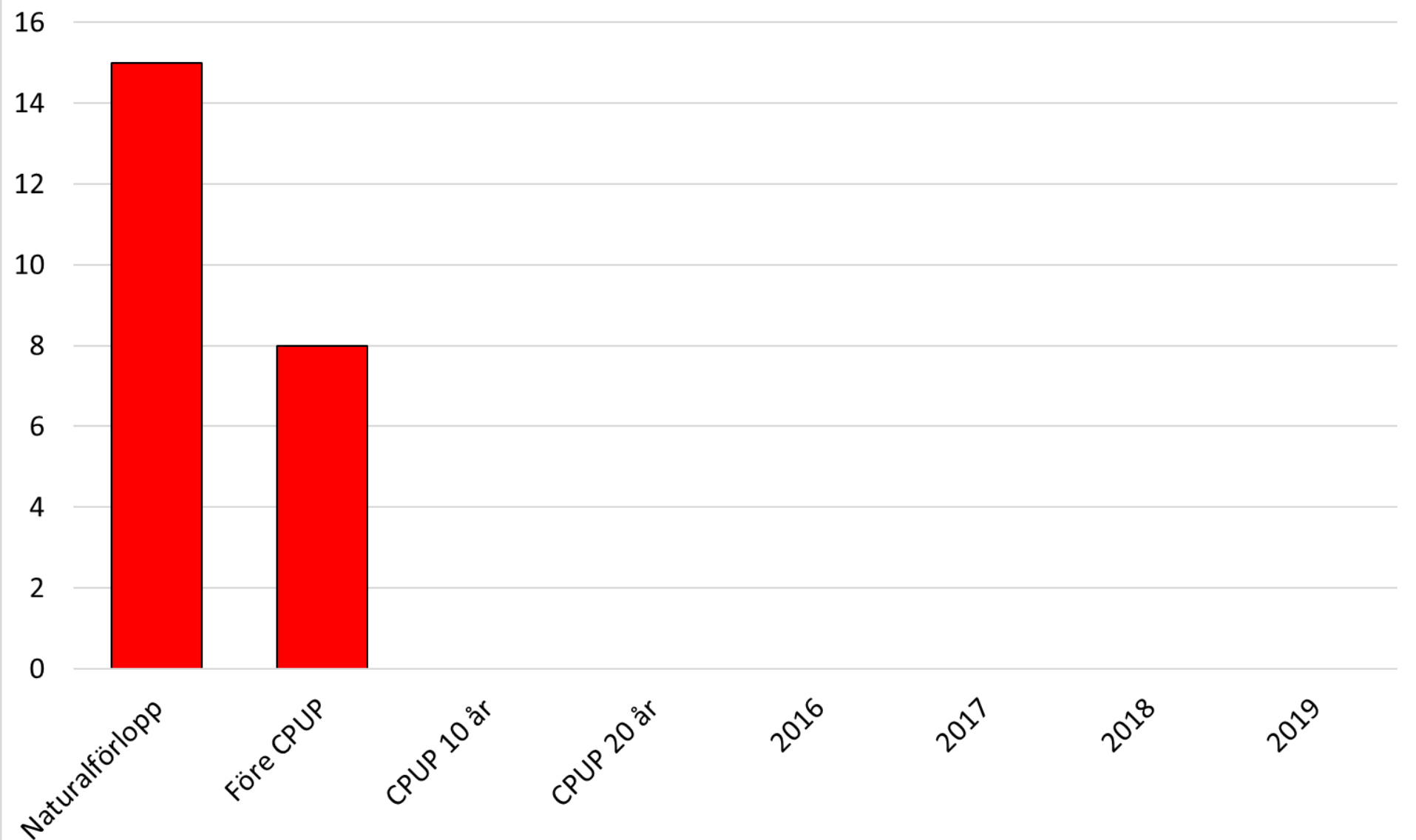
Uppföljning baserad på CP-subtyp
och ålder.

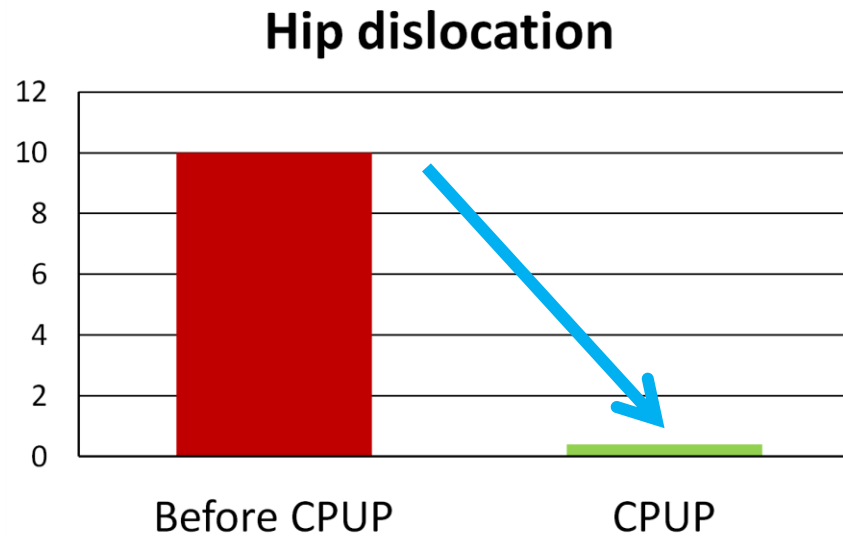


Andel höftluxationer (%)



Andel höftluxationer (%)





■ CHILDREN'S ORTHOPAEDICS

Prevention of dislocation of the hip in children with cerebral palsy

20-YEAR RESULTS OF A POPULATION-BASED PREVENTION PROGRAMME

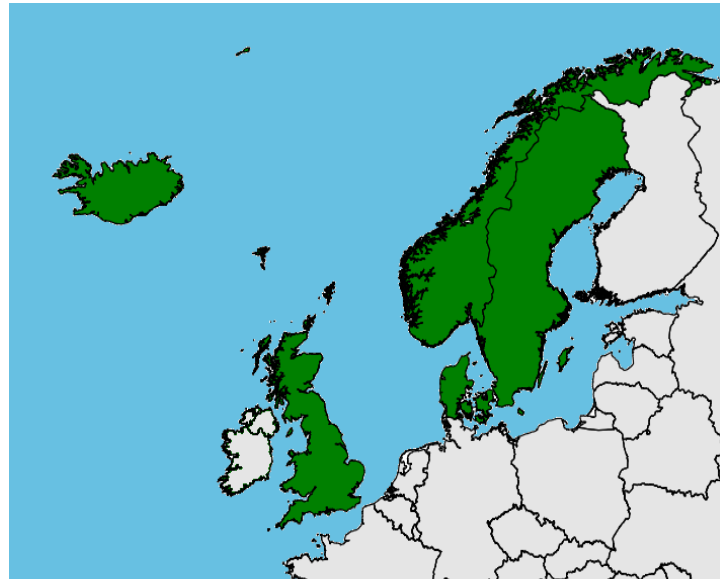
Bone Joint J 2014; 96-B:1546–52.

G. Hägglund,
A. Alriksson-Schmidt,
H. Lauge-Pedersen,
E. Rodby-Bousquet,
P. Wagner,
L. Westbom

*From Lund
University, Lund,
Sweden*

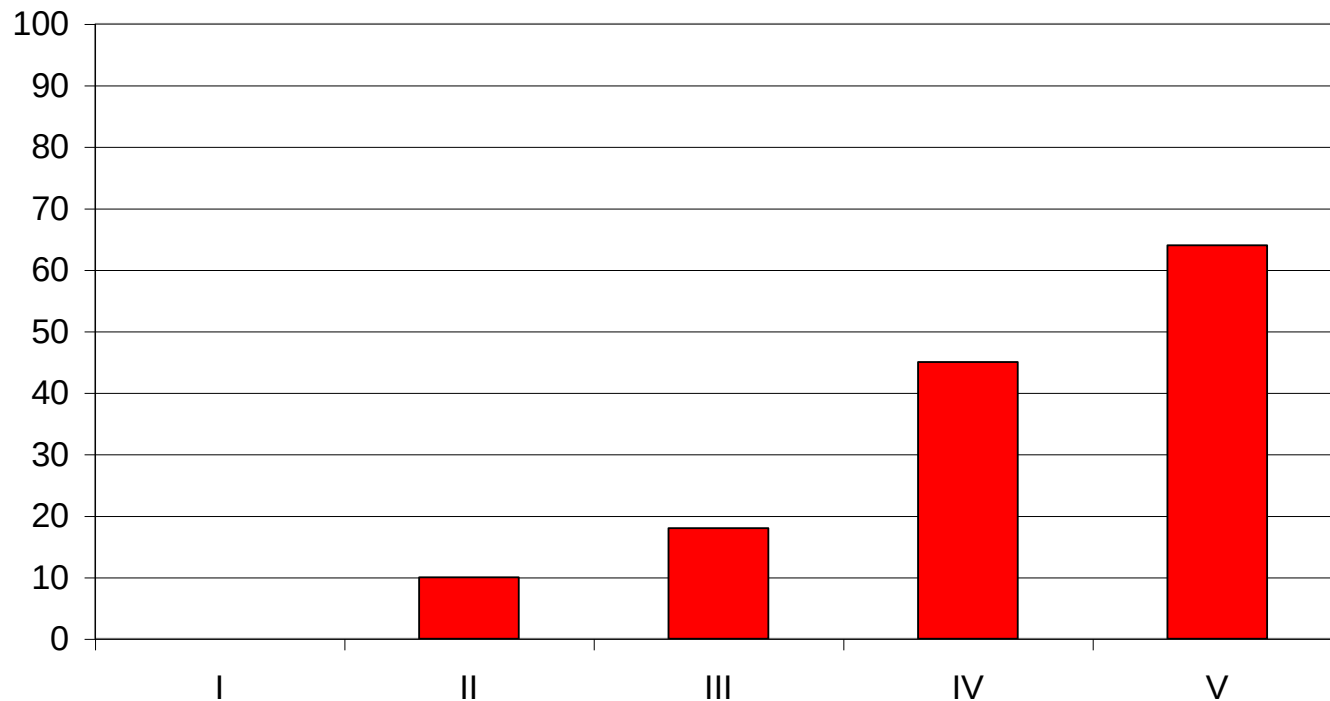
FU 2006 -

Uppföljning baserad på GMFCS och ålder.



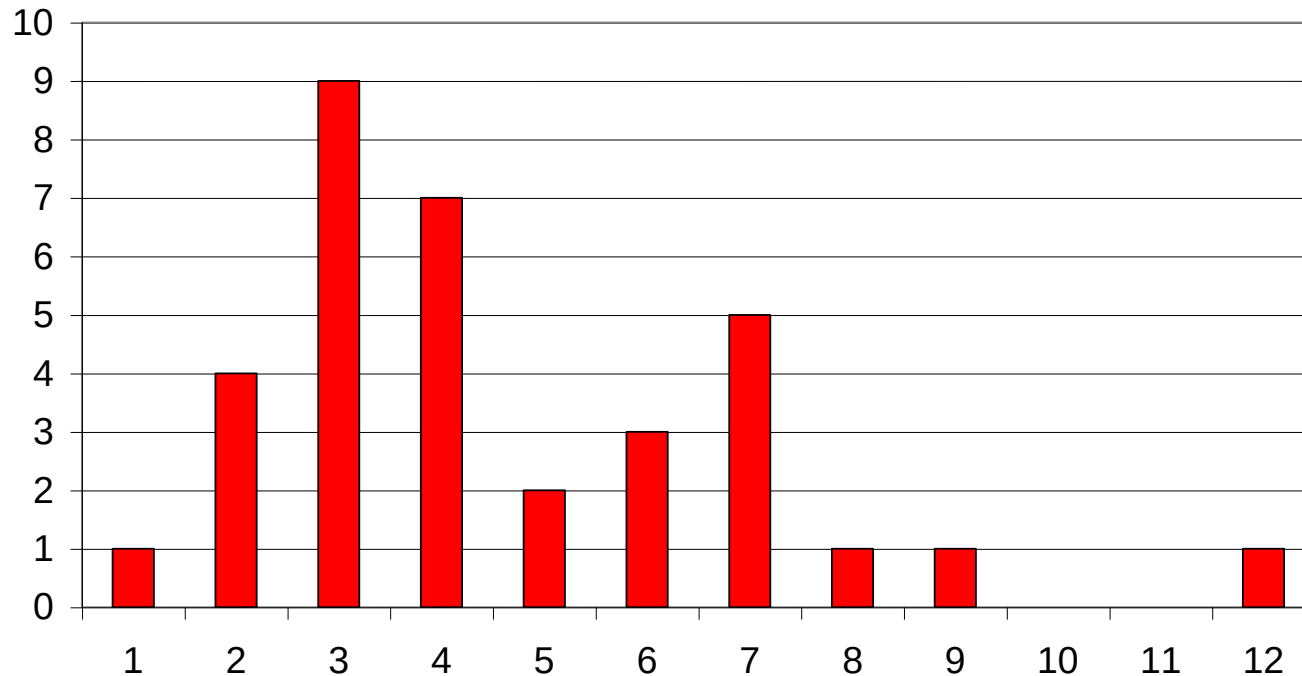
Risk factors for hip displacement:

Gross Motor Function (GMFCS)

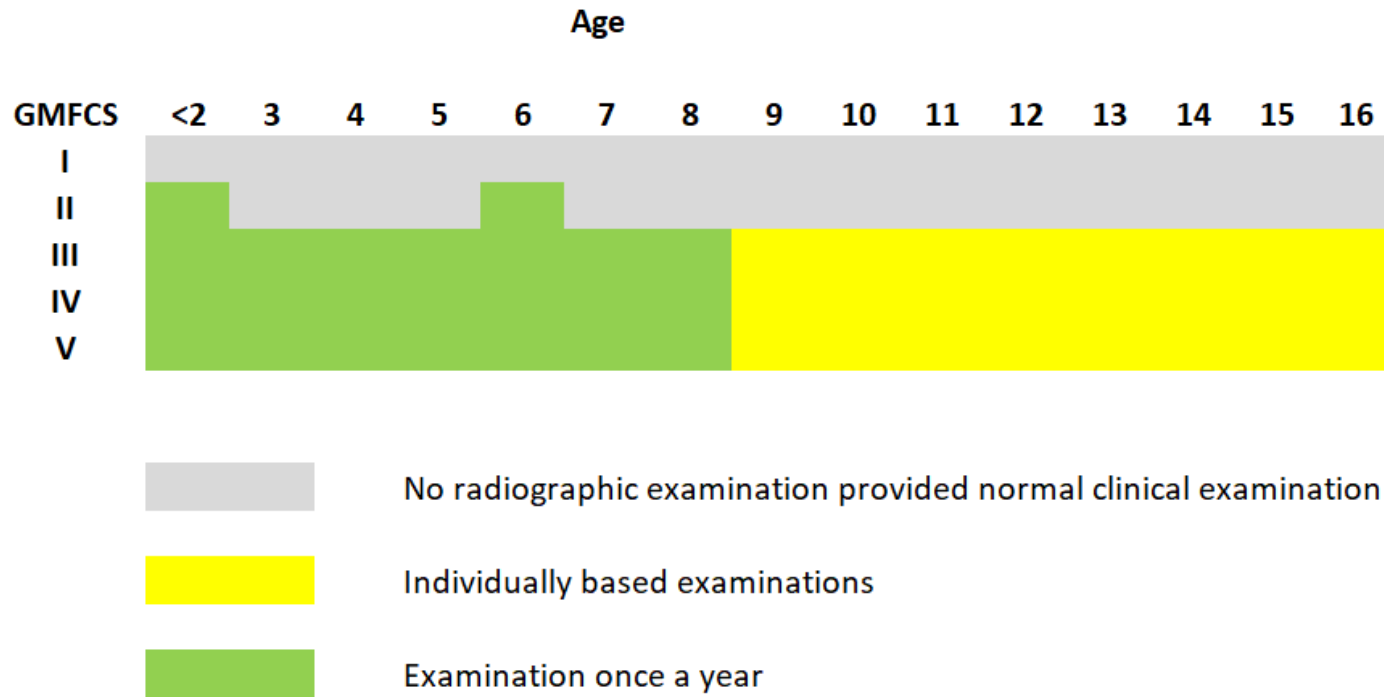


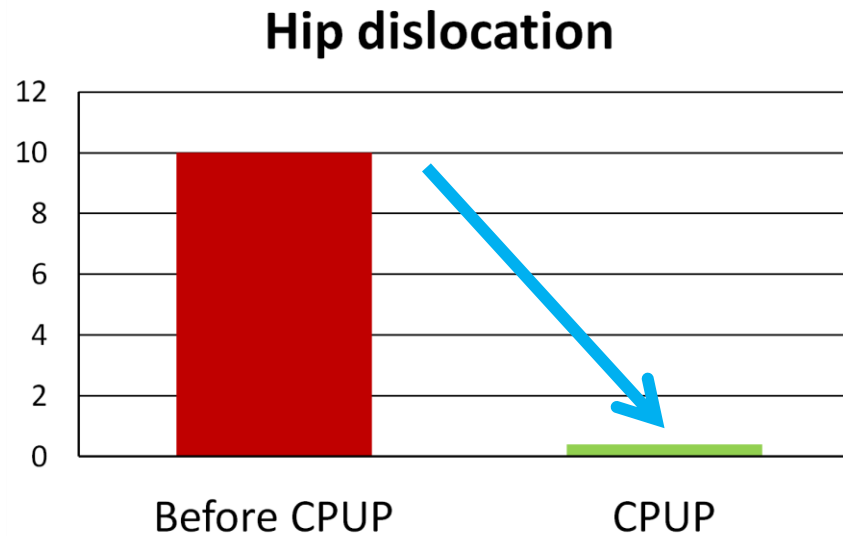
Risk factors for hip displacement:

Age



The Scandinavian guidelines for radiographic hip examination





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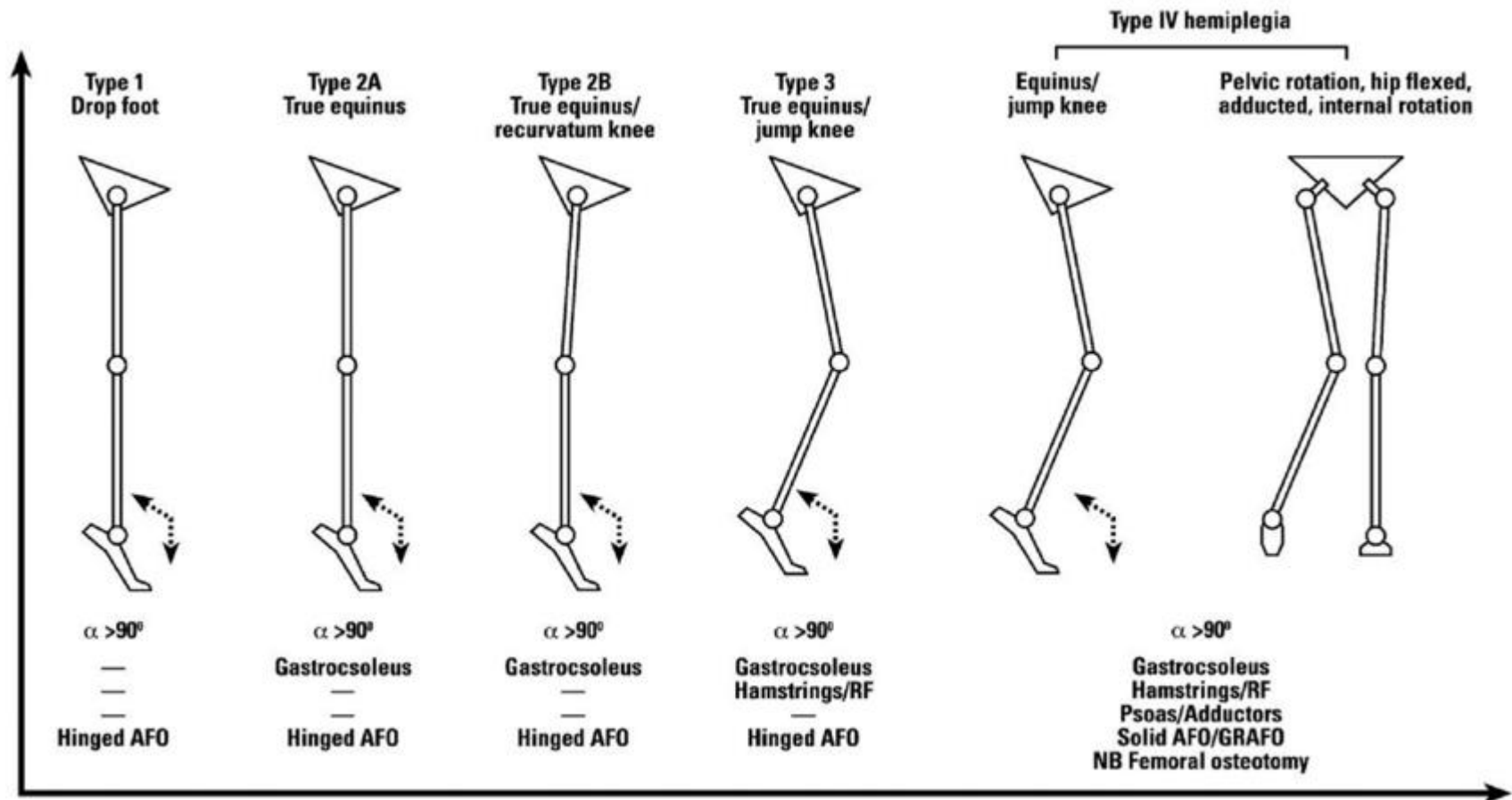
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Eventuella förändringar

1. CP-hemiplegi Winter IV
2. MP eller PAMP?
3. Ändrade röntgenintervall?

CP-hemiplegi Winter IV



MP eller PAMP?

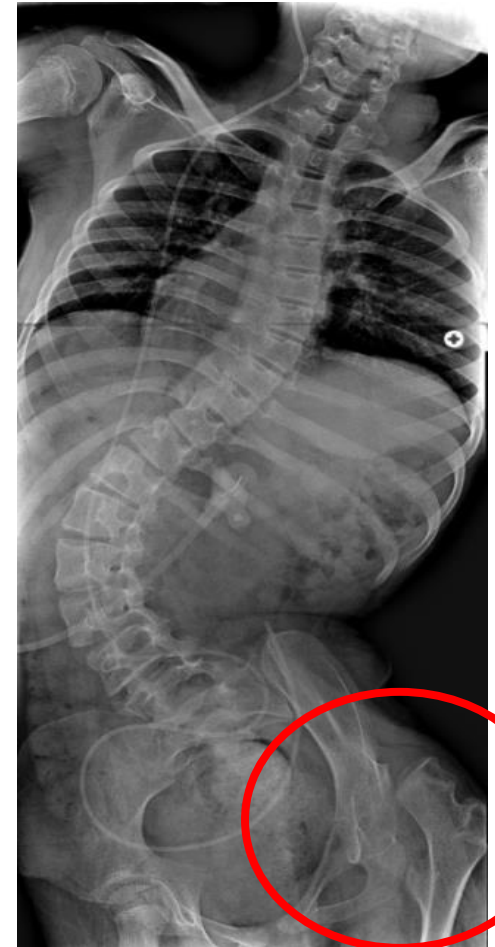
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Acta Orthopaedica 2018;89:652-655

Pelvic obliquity and measurement of hip displacement in children with cerebral palsy

Gunnar HÄGGLUND^{1,2}, Mikael GOLDRING¹, Maria HERMANSON³, and Elisabet RODBY-BOUSQUET^{1,4}

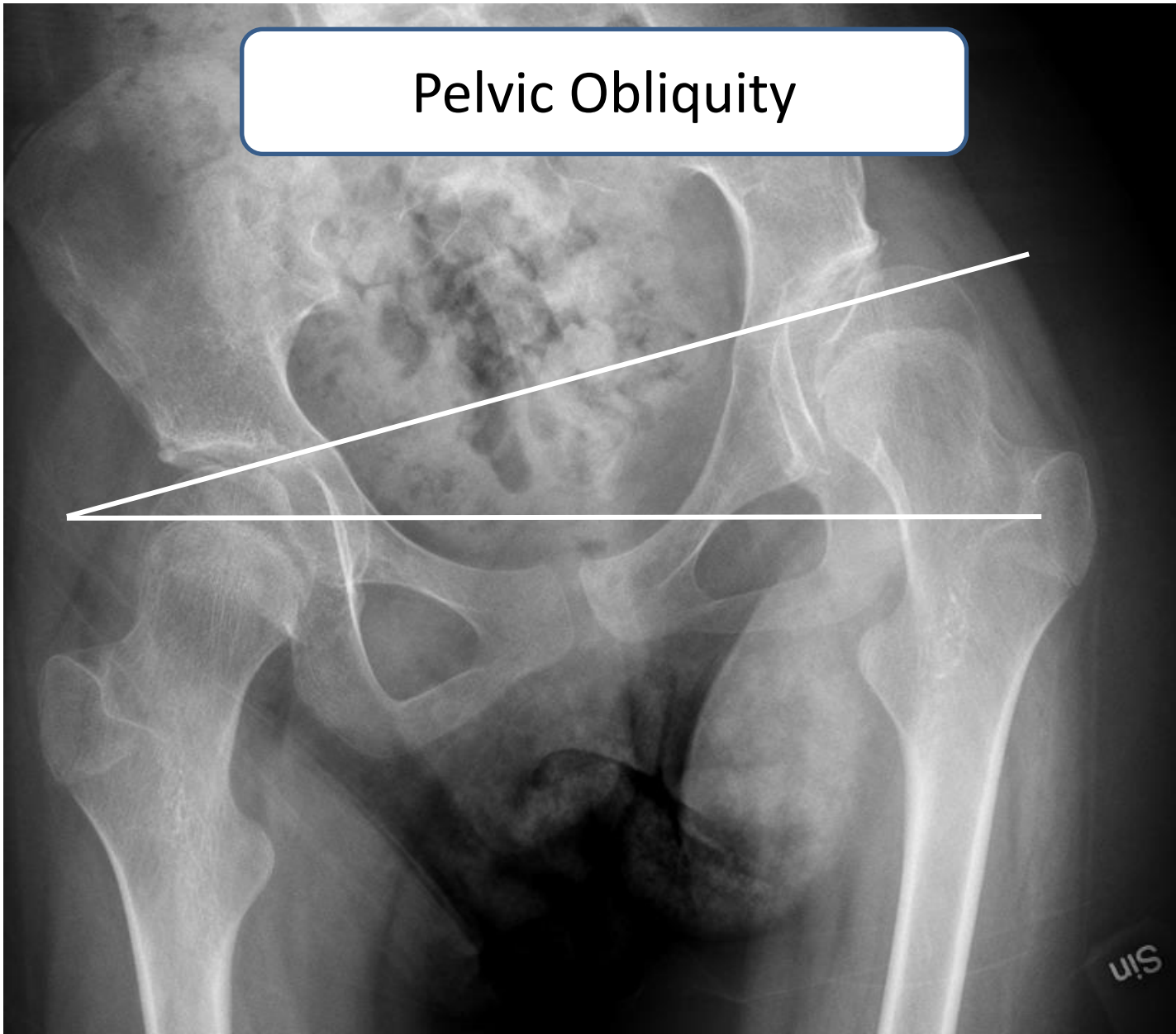
¹ Department of Clinical Sciences, Lund University, Lund; ² Department of Orthopaedics, Skane University Hospital, Lund; ³ Department of Surgery, Sahlgrenska University Hospital/Östra, Göteborg; ⁴ Centre for Clinical Research, Uppsala University, Region Västmanland, Västerås, Sweden
Correspondence: gunnar.hagglund@med.lu.se
Submitted 2018-05-10. Accepted 2018-07-23.



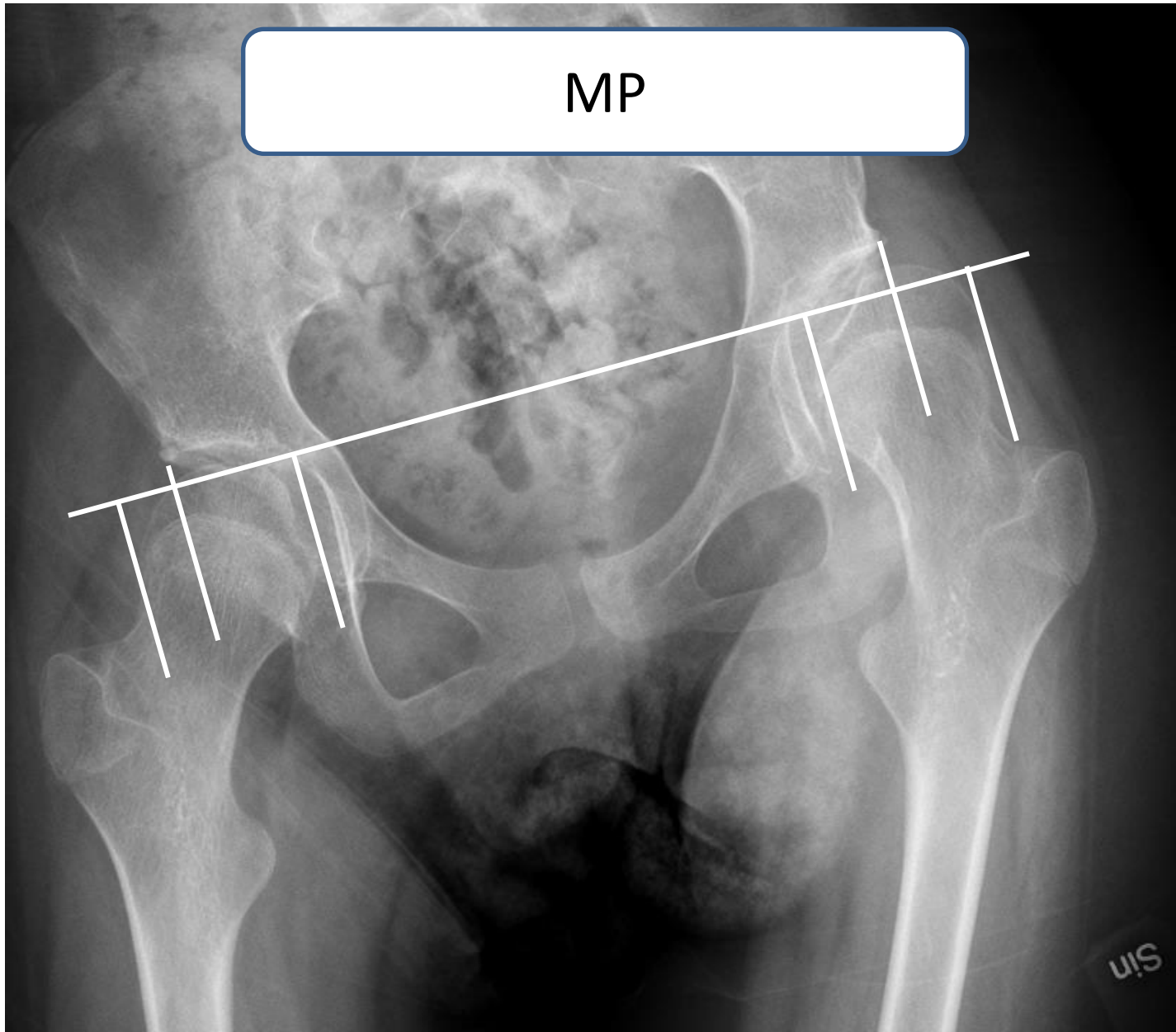
Pelvic Obliquity



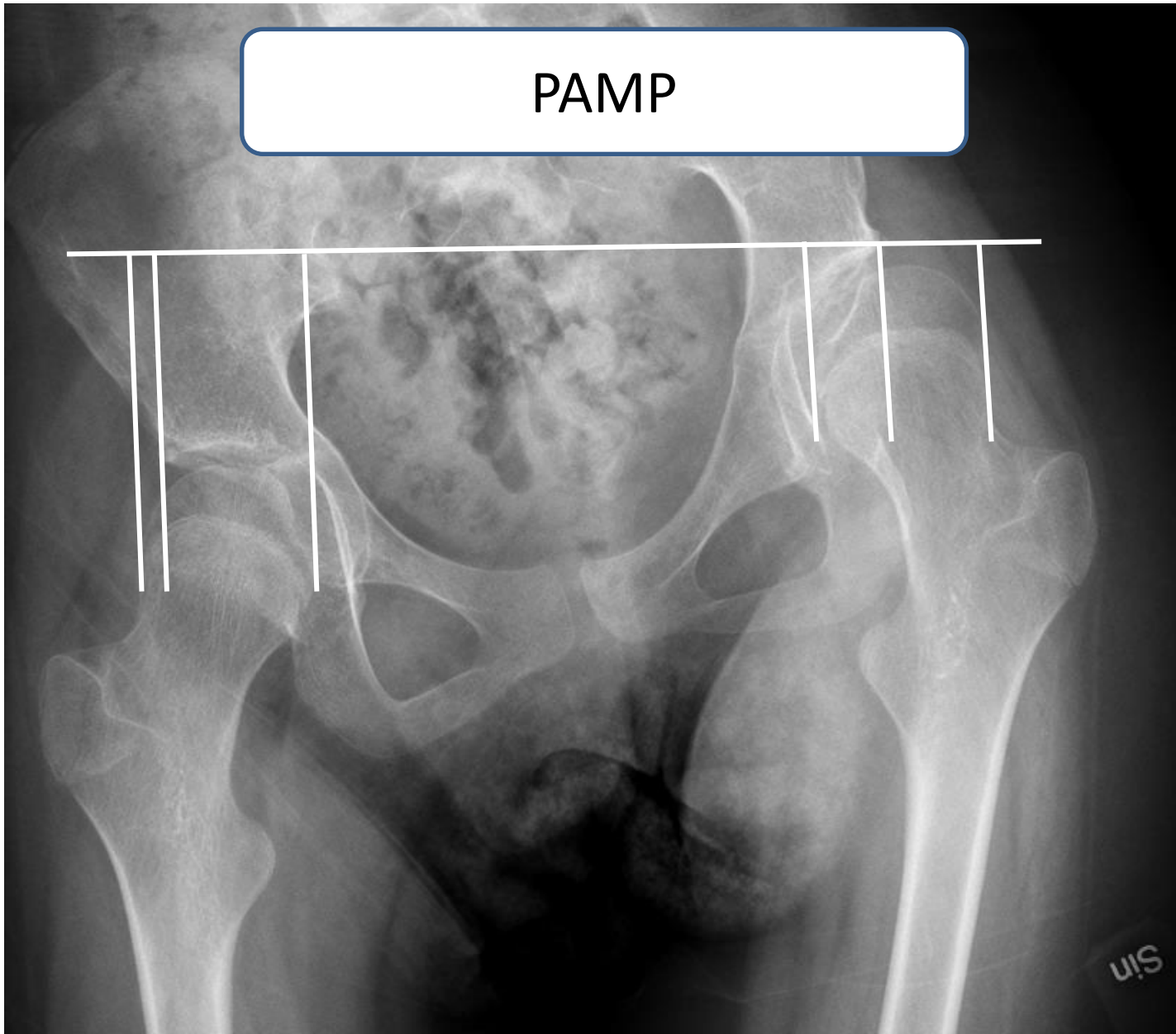
Pelvic Obliquity



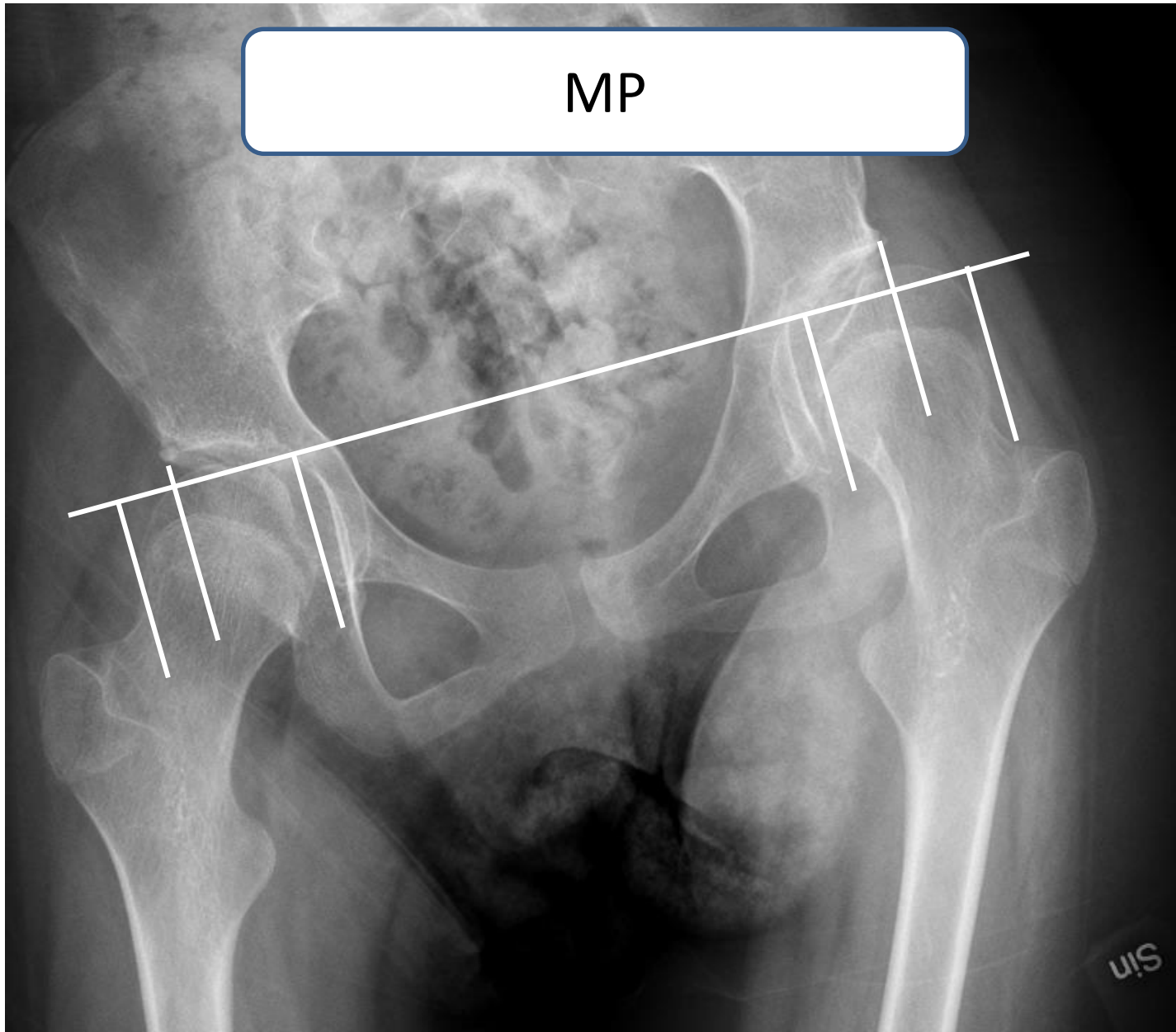
MP



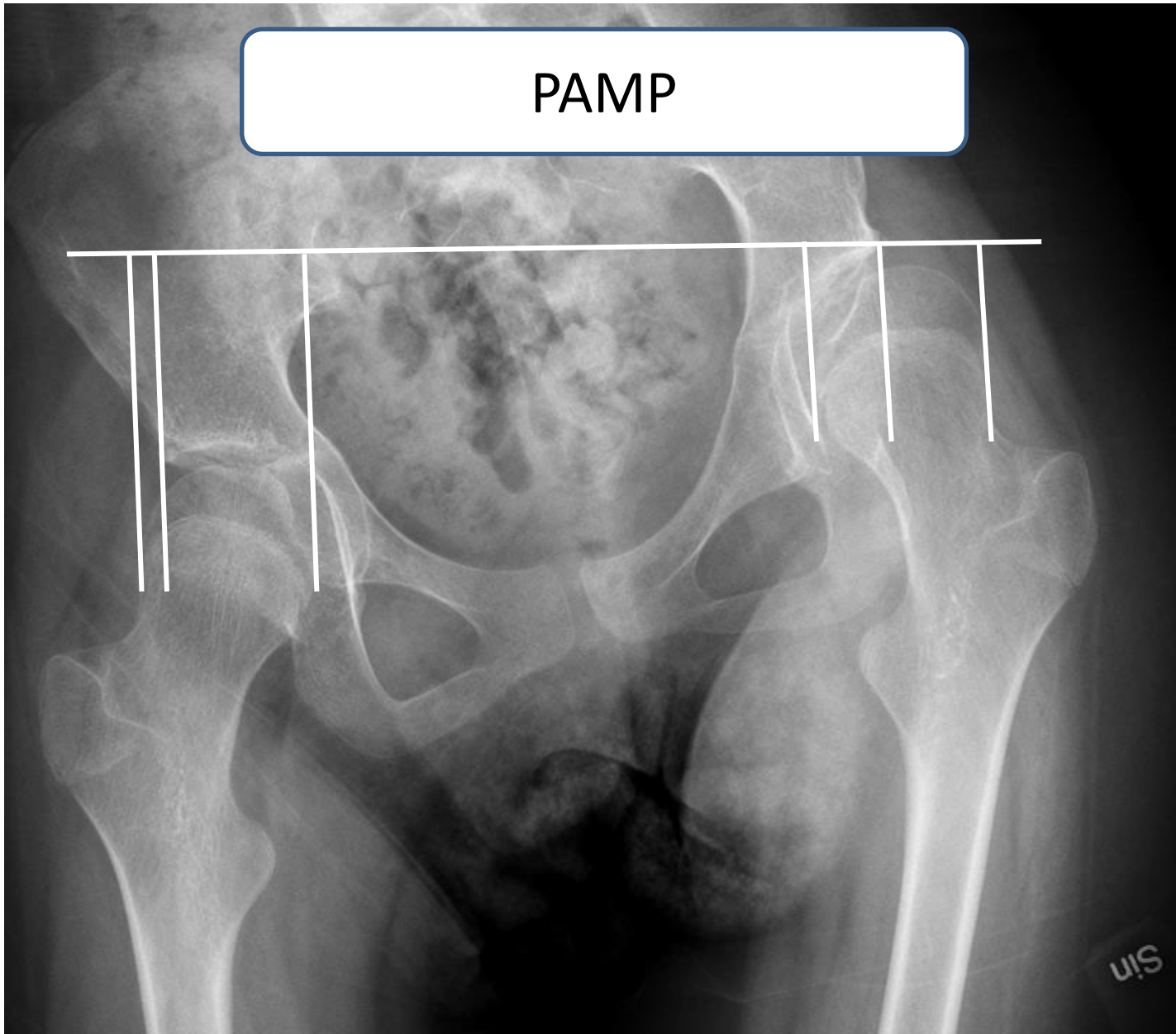
PAMP



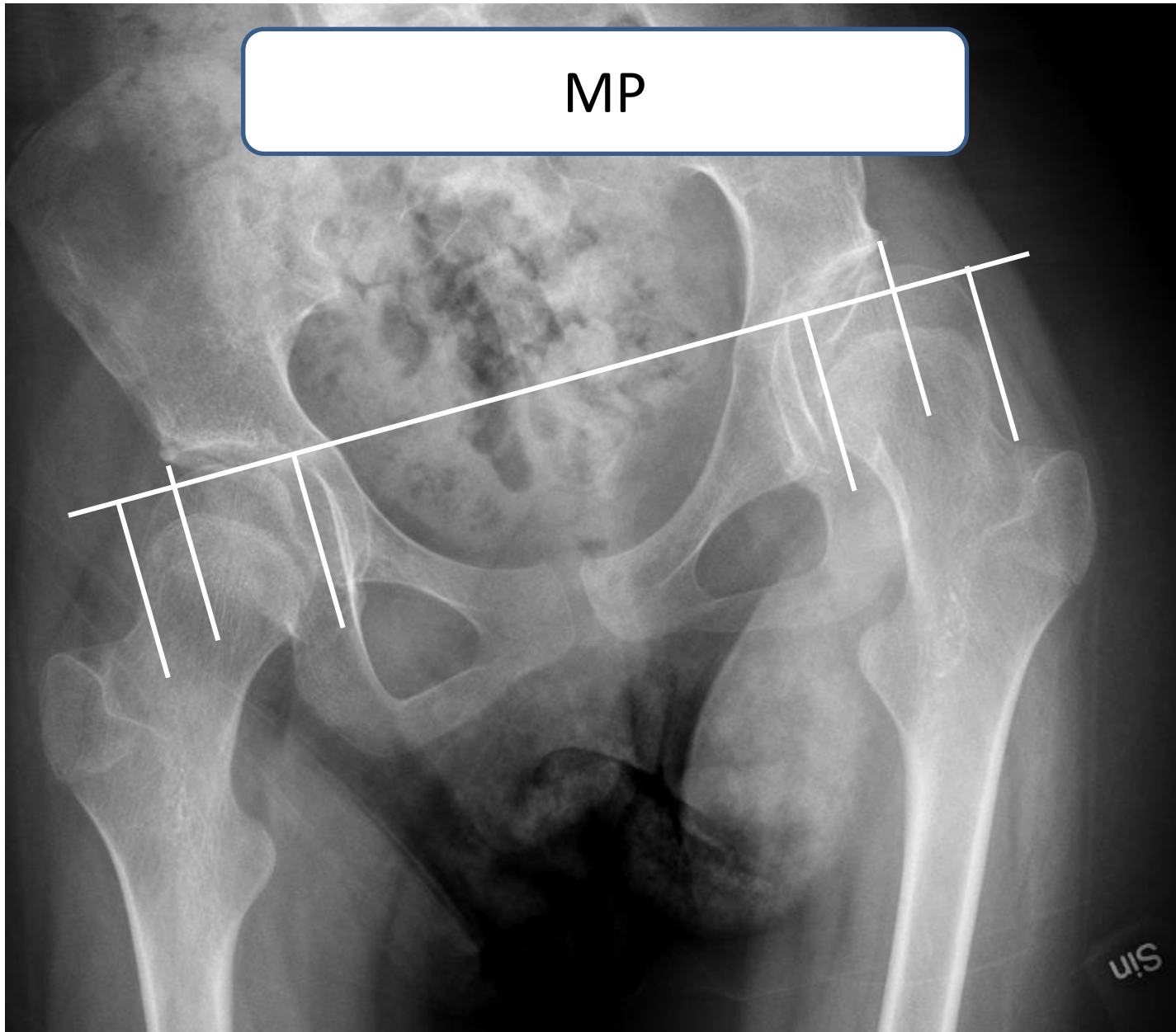
MP



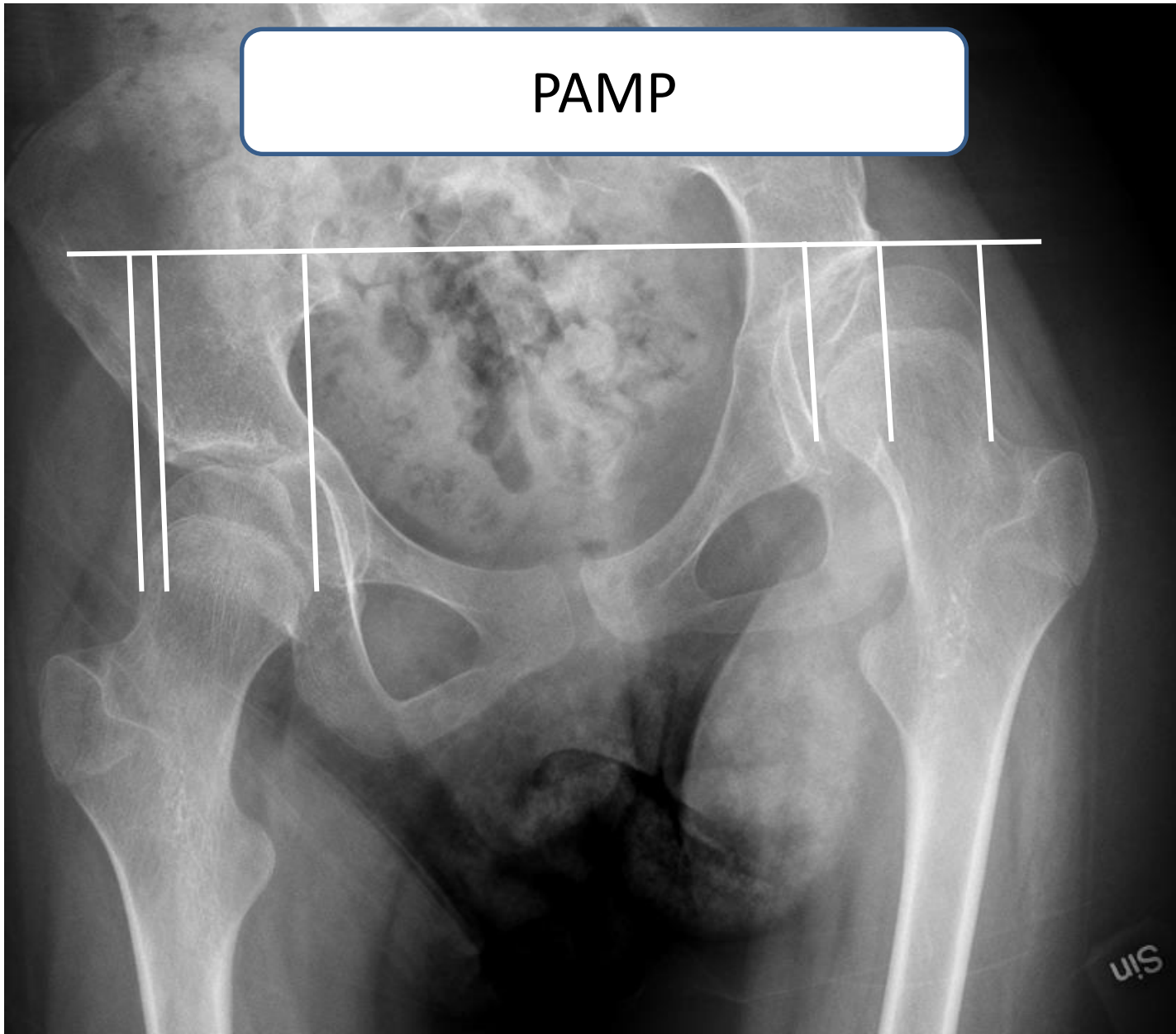
PAMP



MP



PAMP



Ändrade röntgenintervall?

1. CP-hemiplegi Winter IV
2. MP eller PAMP?
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Development of hip displacement in cerebral palsy: a longitudinal register study of 1,045 children

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Submitted 2021-06-25. Accepted 2021-10-11.

MP (%) and MP velocity (%/year)

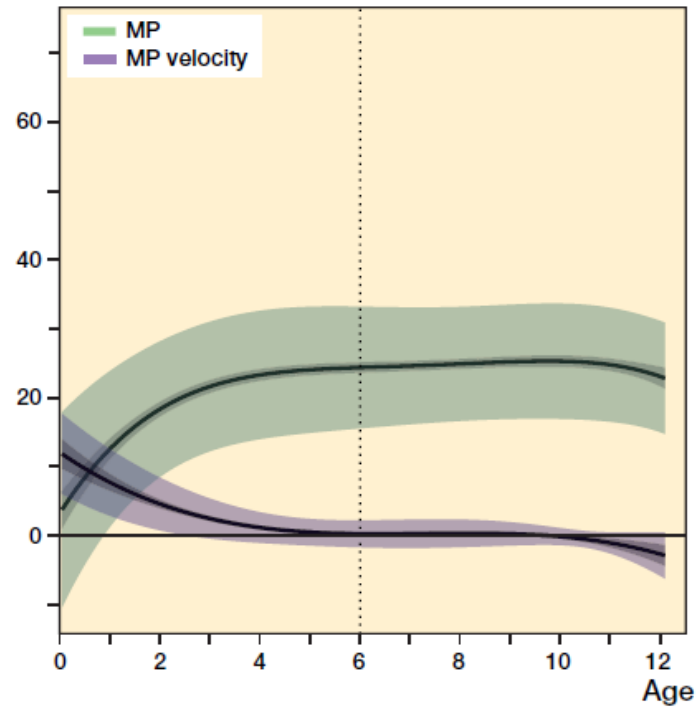


Figure 4. Model describing the development of population mean MP and MP velocity in the 702 children who did not undergo preventive hip surgery. 95% CIs (dark) and 1 SD of individual variation (light) are shown. Vertical line shows point of MP velocity < 0.5%/year with 95% CI.

MP (%) and MP velocity (%/year)

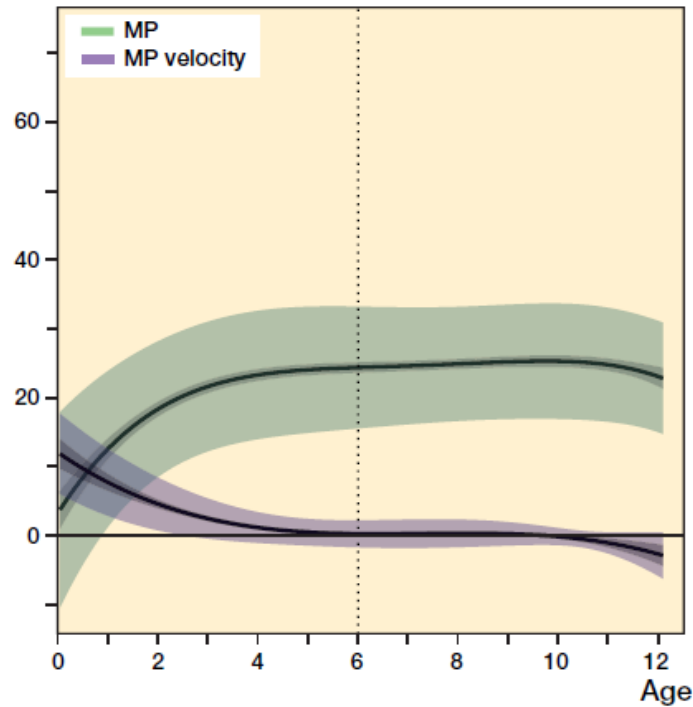


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MP (%) and MP velocity (%/year)

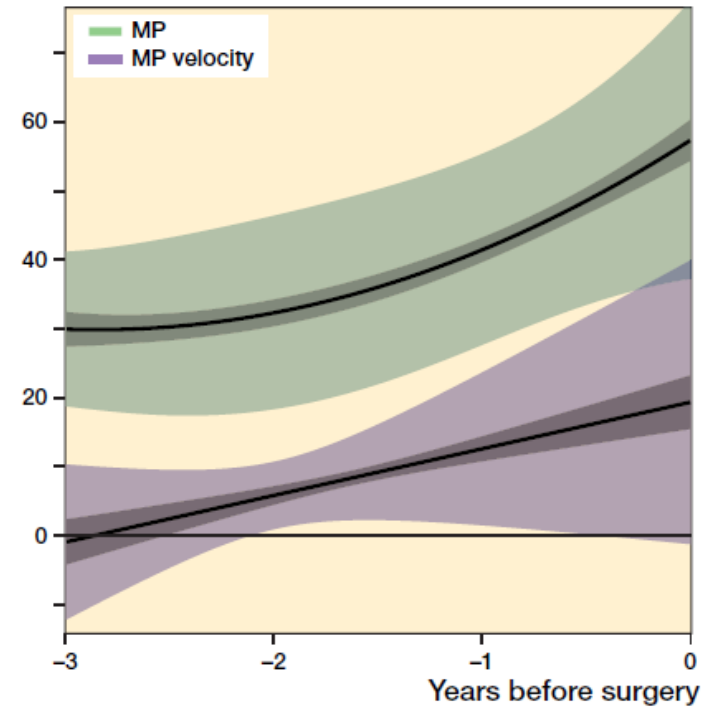


Figure 5. Model describing the development of population mean MP and MP velocity in the 343 children who underwent preventive hip surgery. 95% CIs (dark) and 1 SD of individual variation (light) are shown.



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