

Smärta vid CP



Gunnar Hägglund

Smärta från
muskler – leder - skelett
vid CP

ONT !

ONT ?

Lätt att ändra
position

Svårt att ändra
position

ONT !

GMFCS I–III (IV)

ONT ?

GMFCS (IV) -V

Smärtutredning

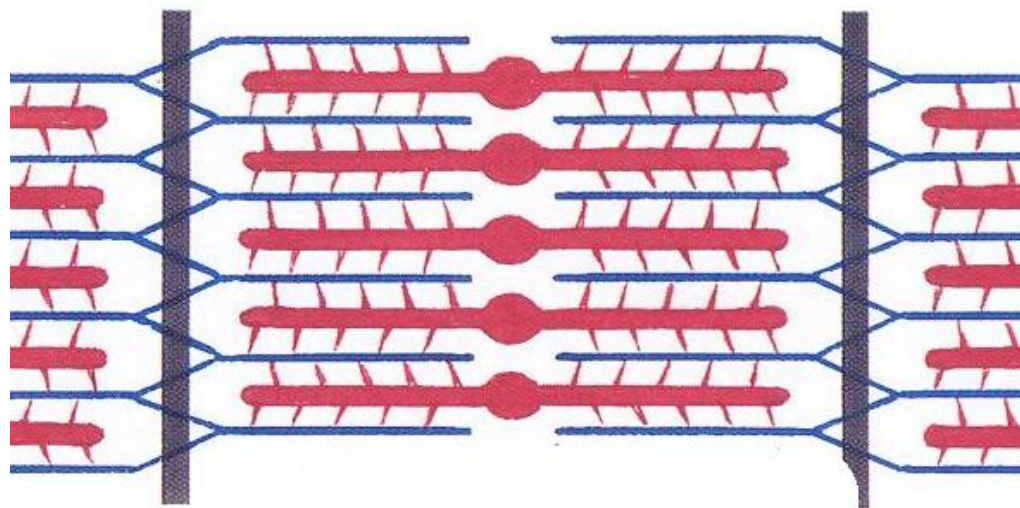
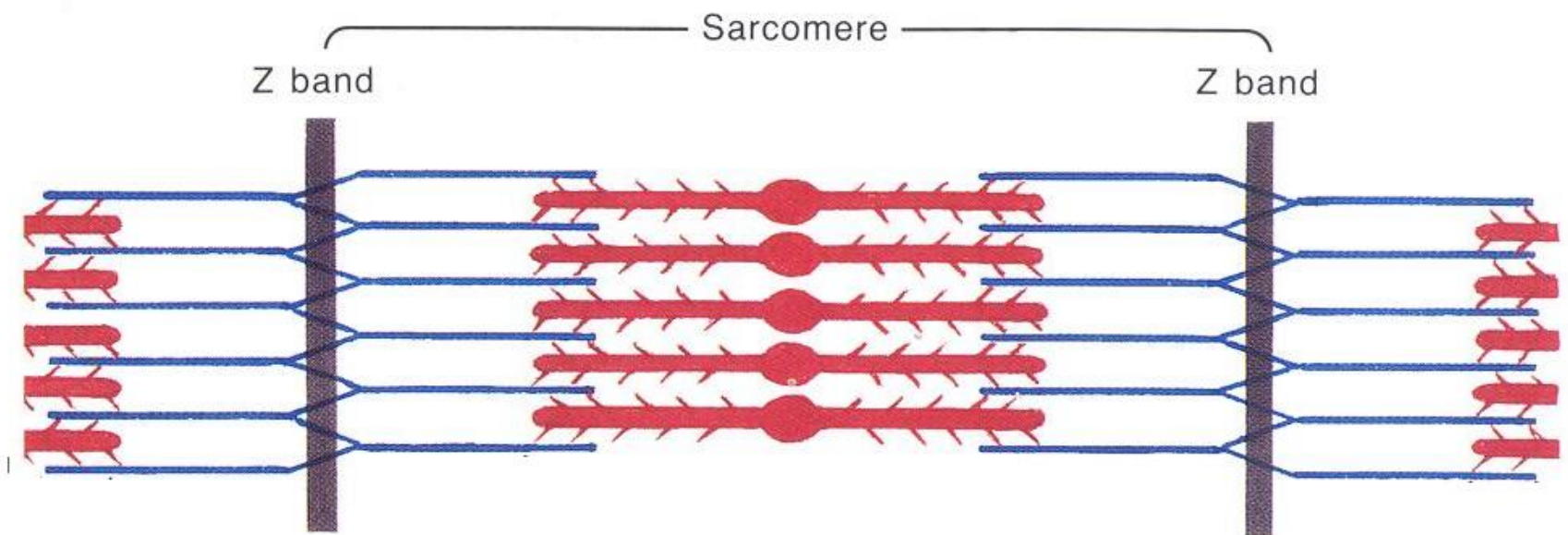
Många symptom kan bero på smärta

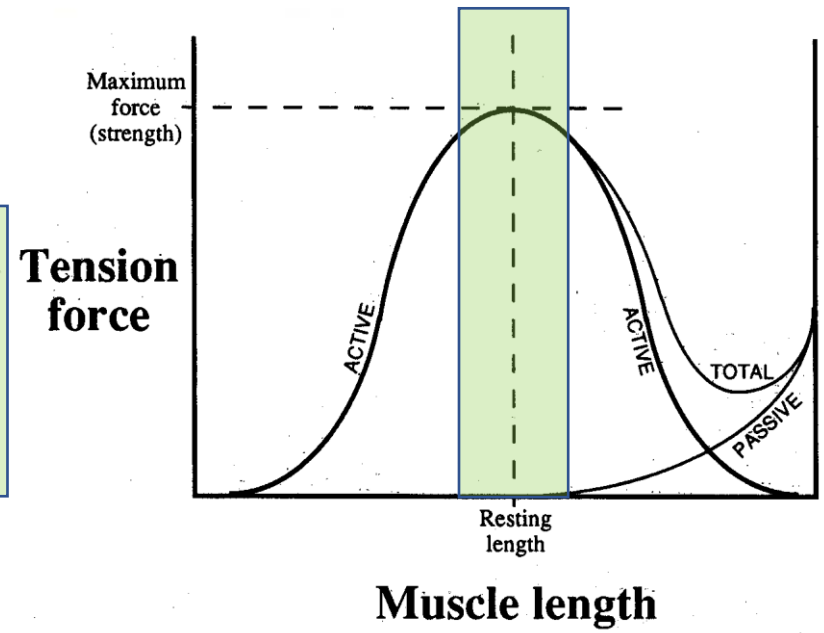
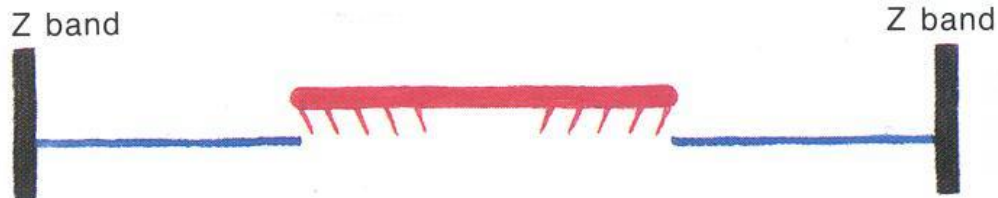
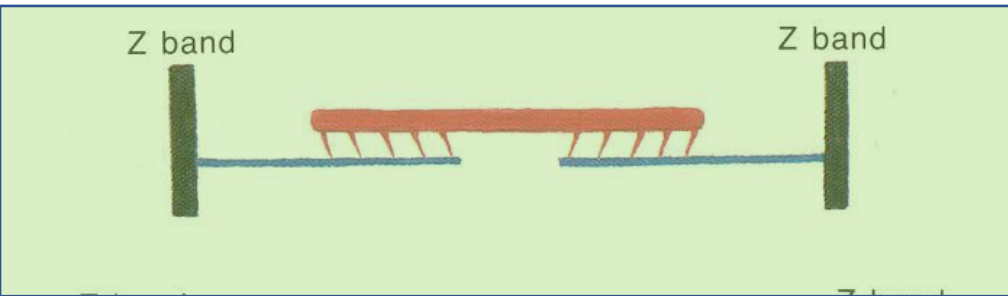
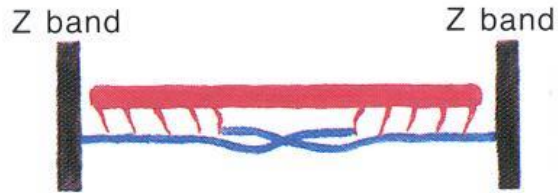
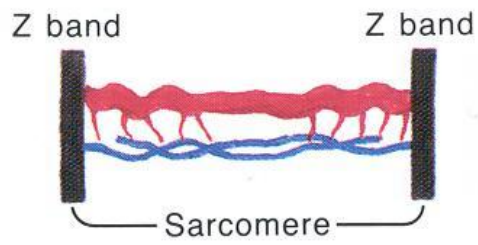
All smärta beror inte på CP

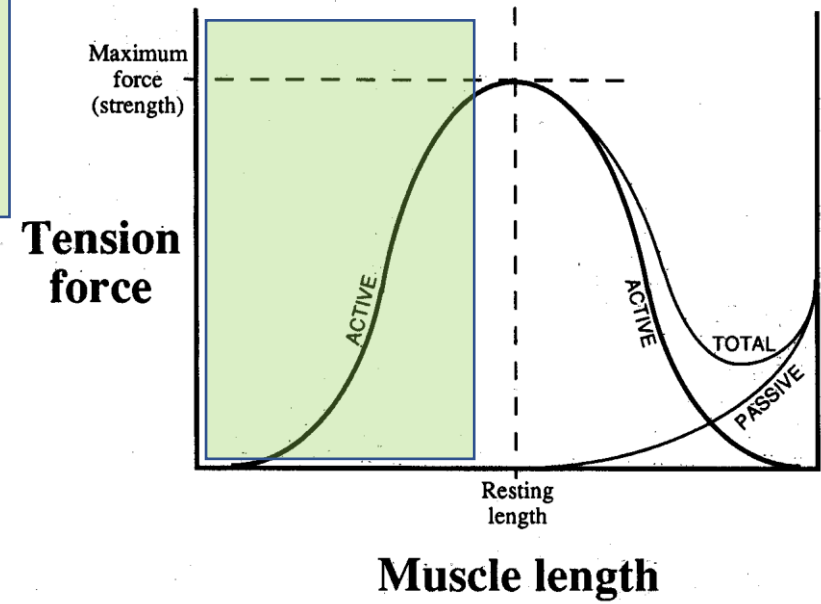
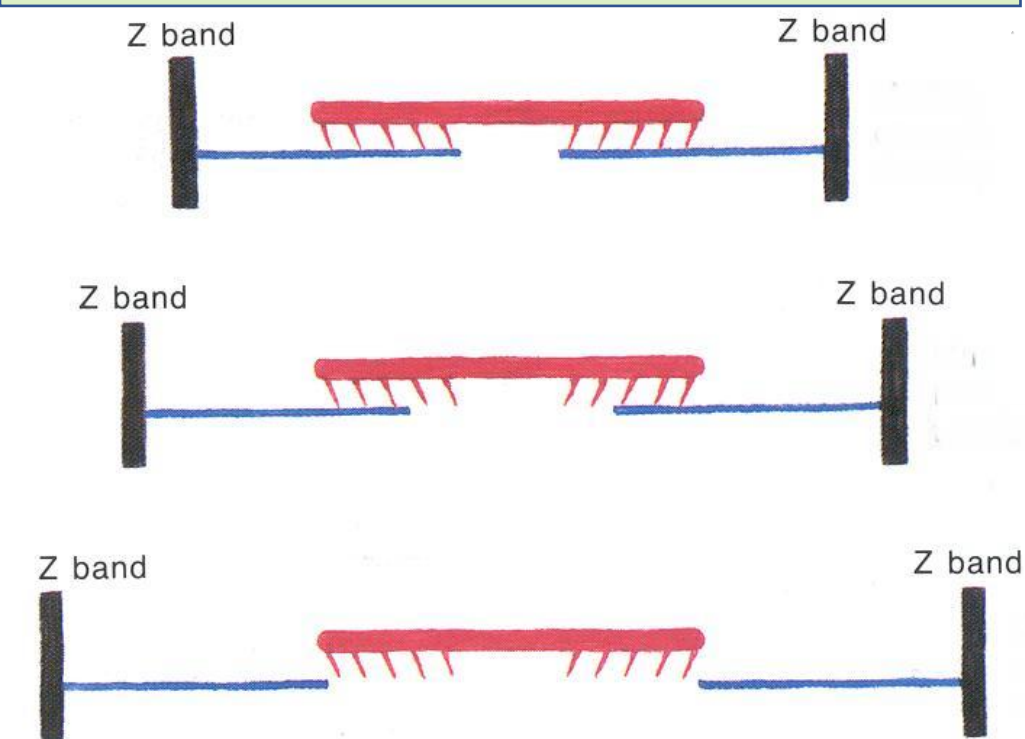
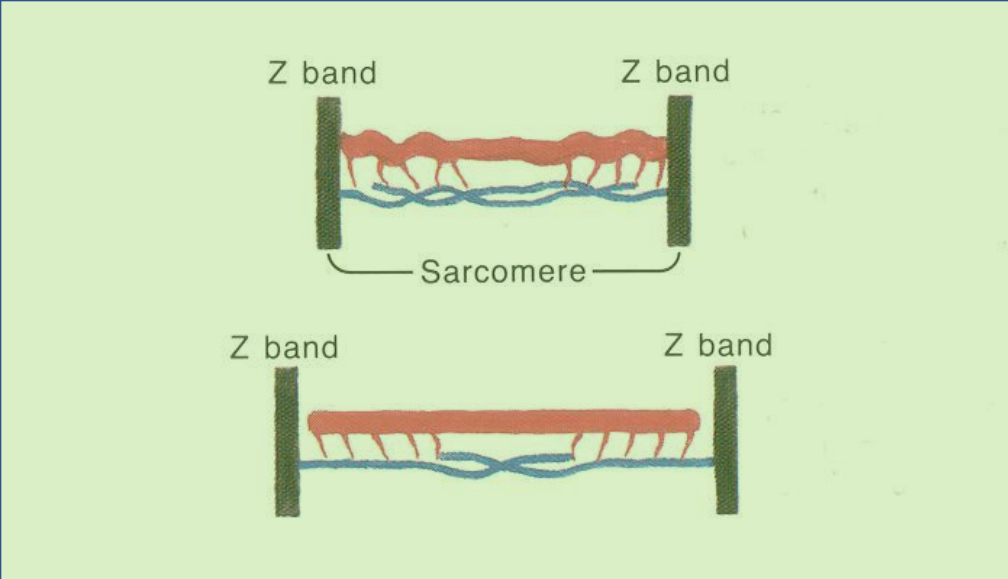
Smärtutredning

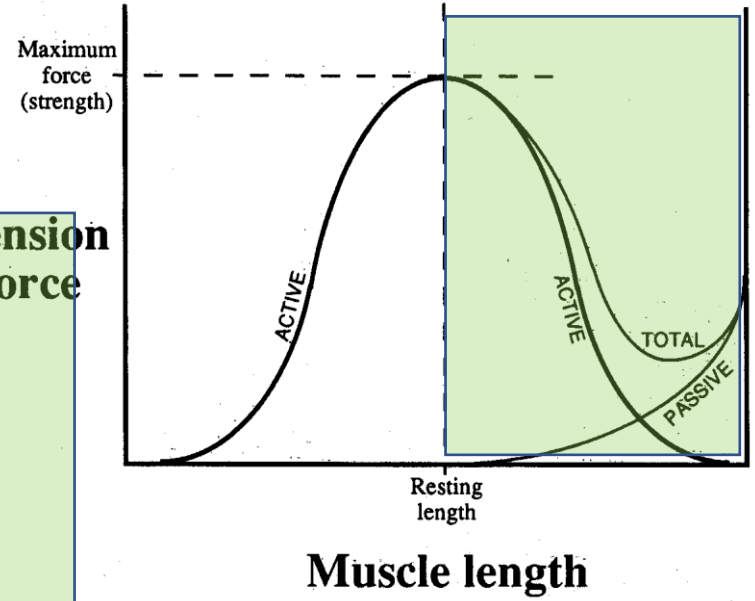
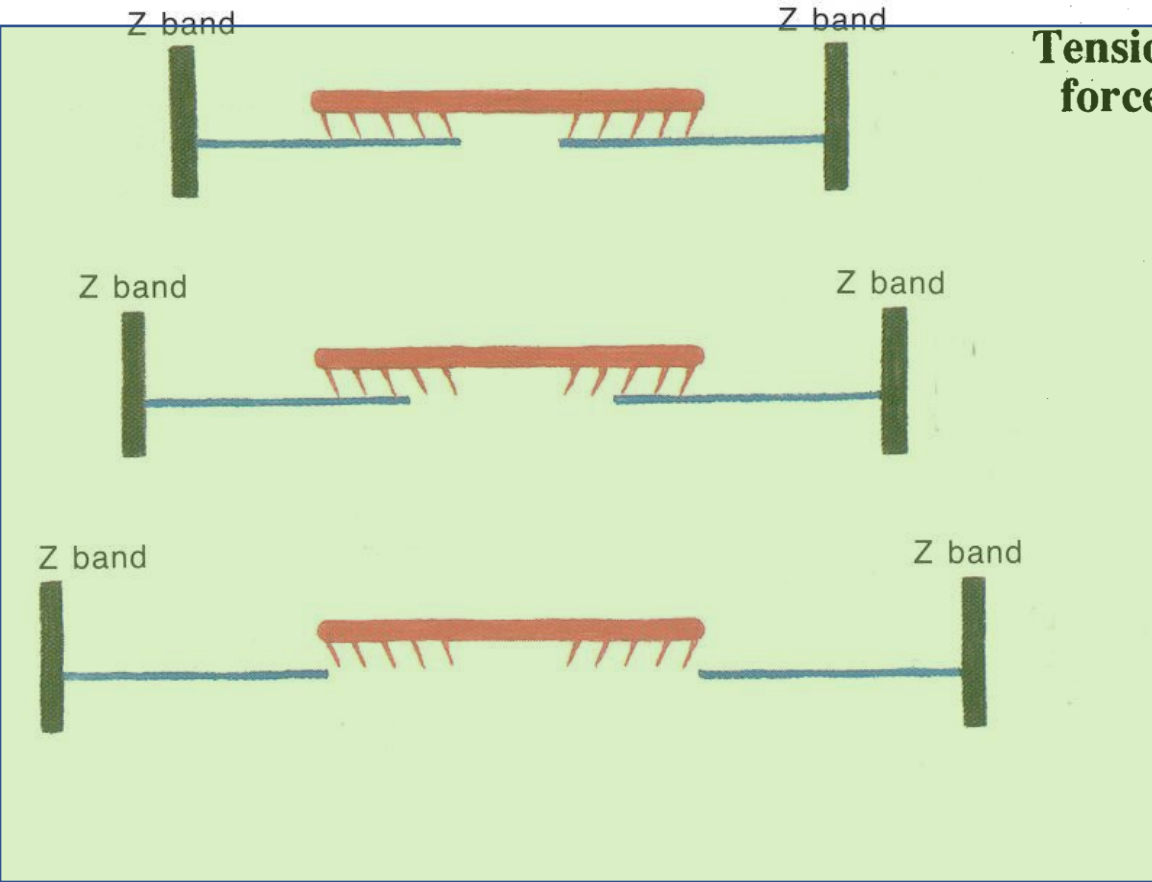
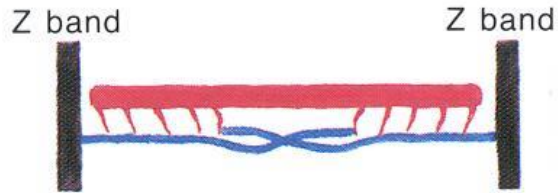
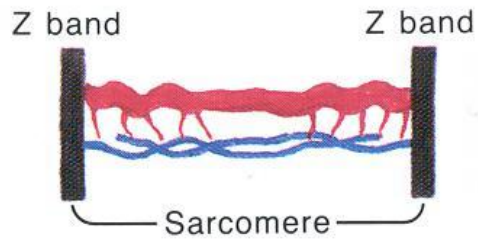
1. Ont?
2. Var?
3. Orsak?
 1. När började det? – Vad hände då?
 2. När gör det ont?
 - Relaterat till tid på dygnet?
 - Relaterat till aktivitet?
 - Relaterat till position?

En muskel behöver
inte vara i ytterläge
för att förhindra
kontraktur!

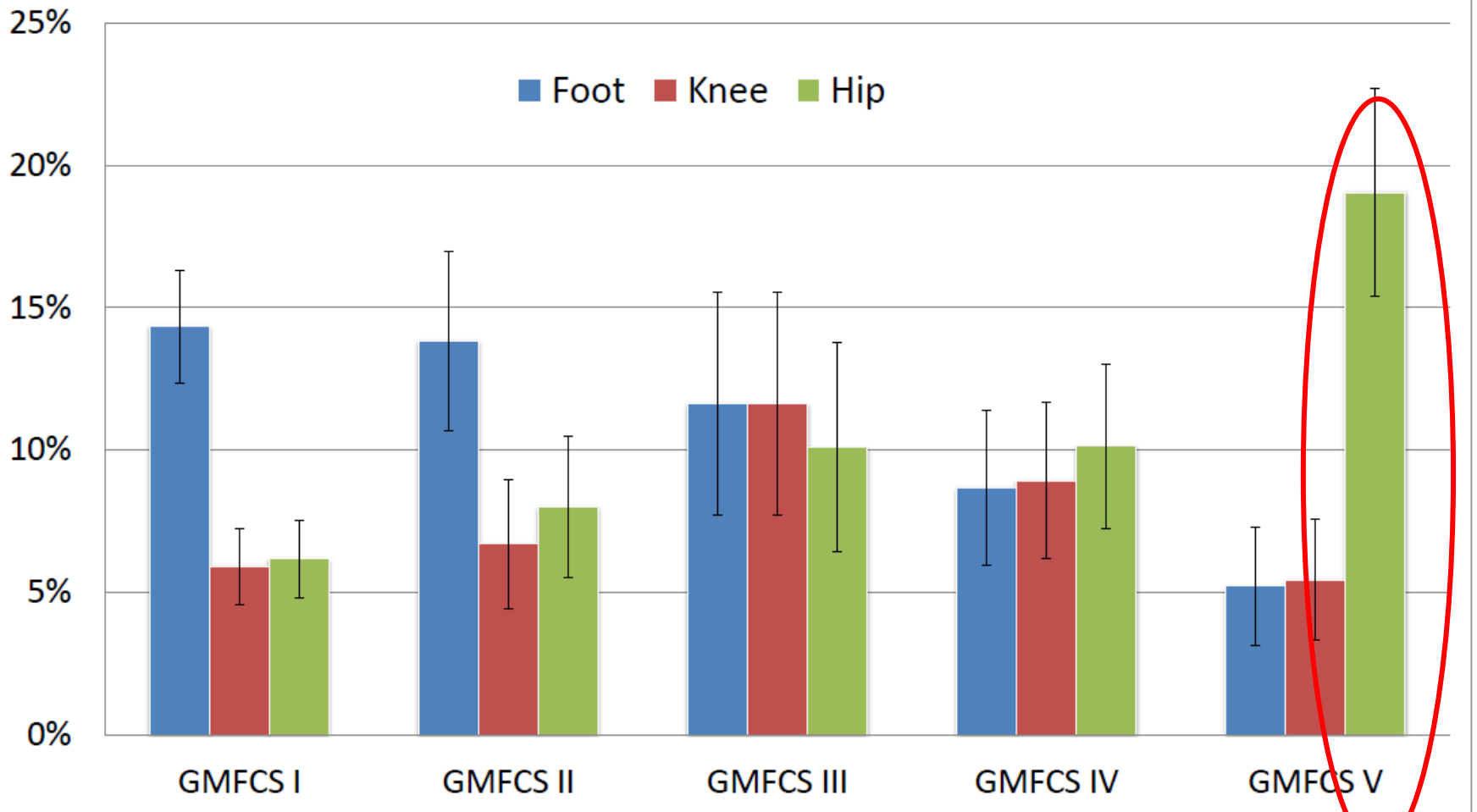








Pain in lower extremities related to GMFCS



Hip pain in children with cerebral palsy: A population-based registry study of risk factors

Alexander Marcström, Gunnar Hägglund, Ann Alriksson Schmidt

Höftsmärta relaterat till:

1. Ålder
2. GMFCS-nivå
3. Migrationsprocent
4. Kontrakturgrad

Höftsmärta var inte relaterat till spasticitetsgrad

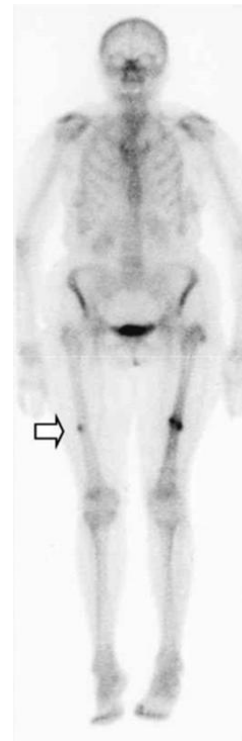
Smärtutredning

1. Ont?
2. Var?
3. Orsak?
 1. När började det?
 2. När gör det ont?
 - Relaterat till tid på dygnet?
 - Relaterat till aktivitet?
 - Relaterat till position?

Diagnostic Evaluation Using Whole-Body Technetium Bone Scan in Children With Cerebral Palsy and Pain

*Gela Bajelidze, MD, Mohan V. Belthur, MD, Aaron G. Littleton, BSc, Kirk W. Dabney, MD,
and Freeman Miller, MD*

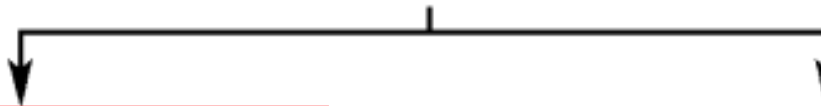
J Pediatr Orthop 2008;28:112-117



Noncommunicating child with pain of unknown origin



Is the physical examination normal?

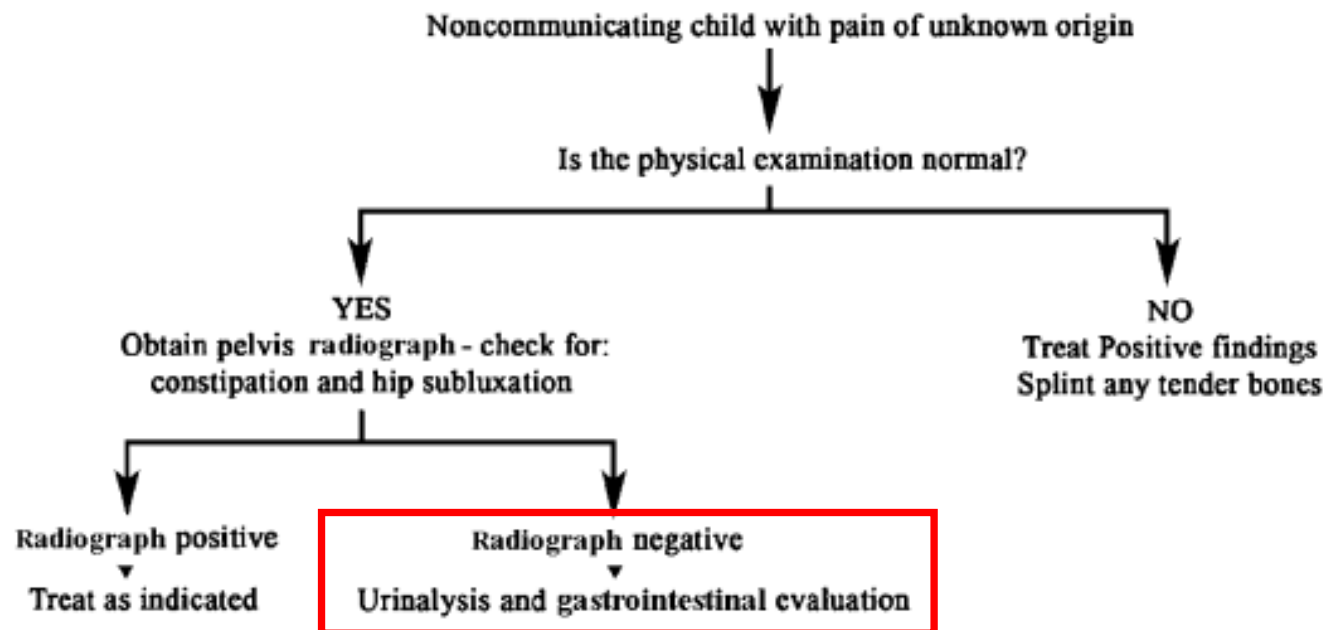


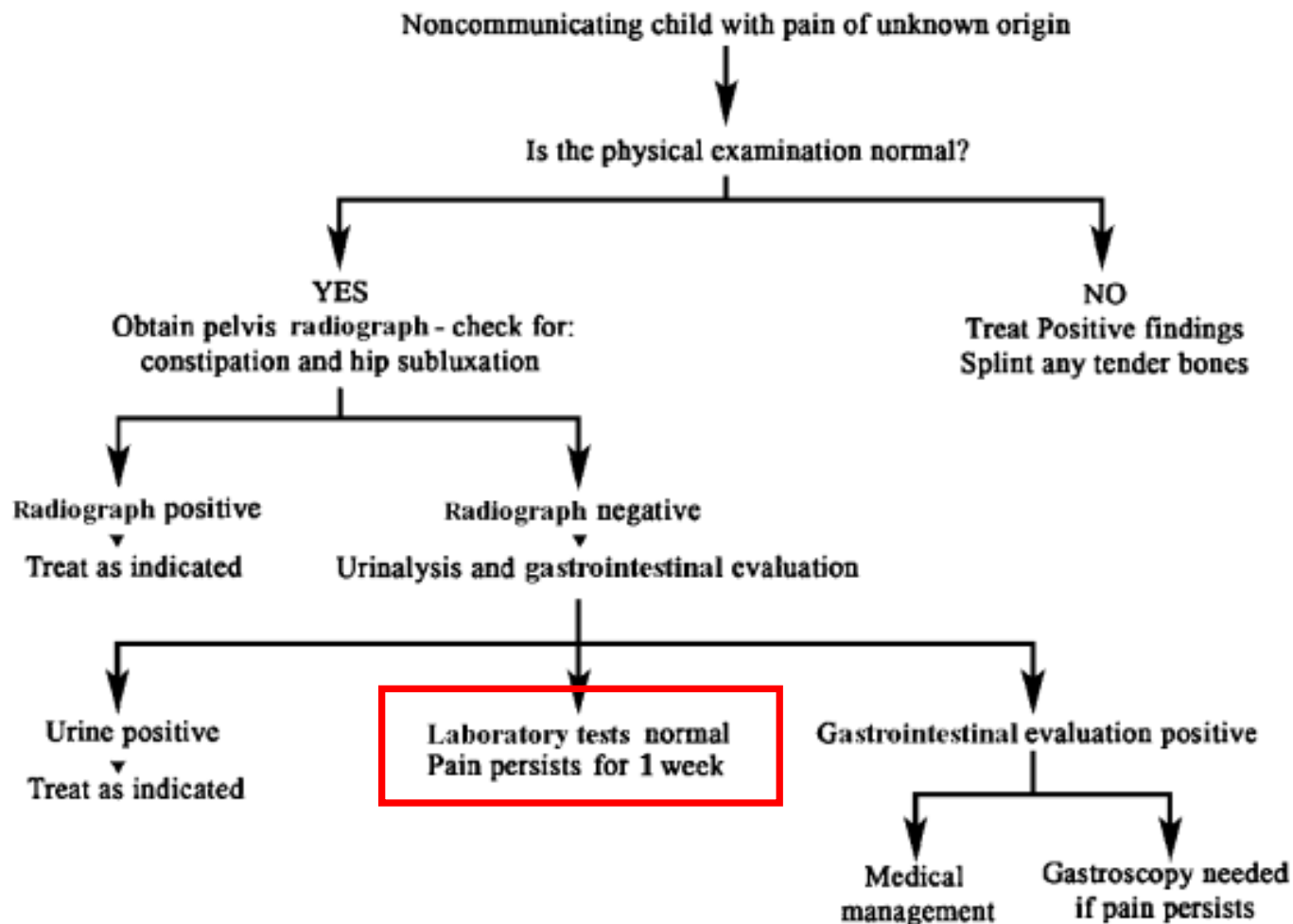
YES

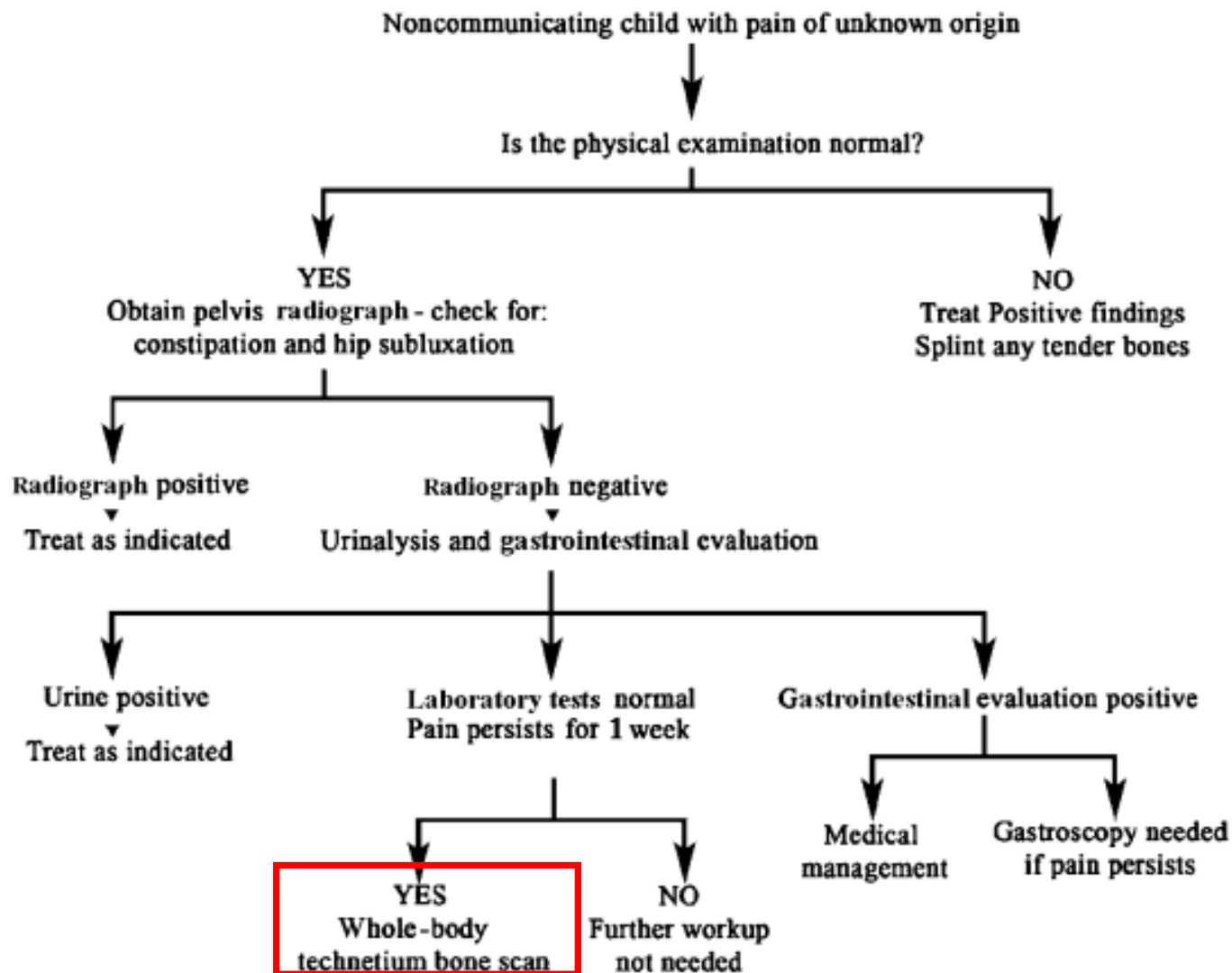
Obtain pelvis radiograph - check for:
constipation and hip subluxation

NO

Treat Positive findings
Splint any tender bones







45 personer med oklar smärta

3 – 20 år

Smärta 1 – 7 veckor

45 personer med oklar smärta

Scintigrafi normal hos 21 personer

Scintigrafi ledde till diagnos hos 24
personer

Diagnoser

Fraktur: Fot (2)
Tibia (2)
Femur – höft (3)
Rygg: L1-L4 (1), C1 (1)

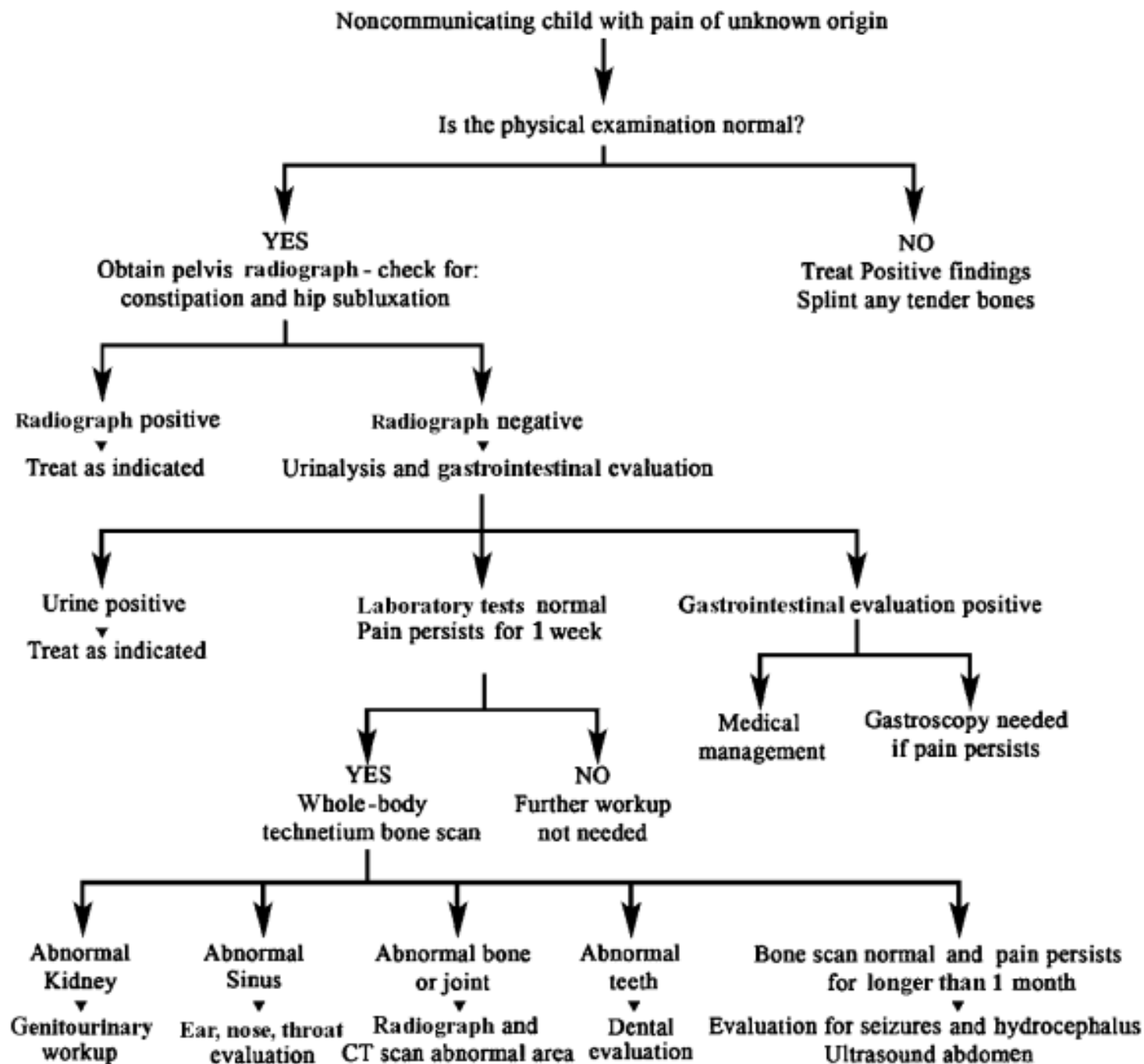
Infektion Osteomyelit, sinuit (2), bursit (1),
Infektion kring osteosyntesmaterial (3)

Spondylolys (2)

Höftartros (1)

Höftfysiols (1)

Urinstas (1)



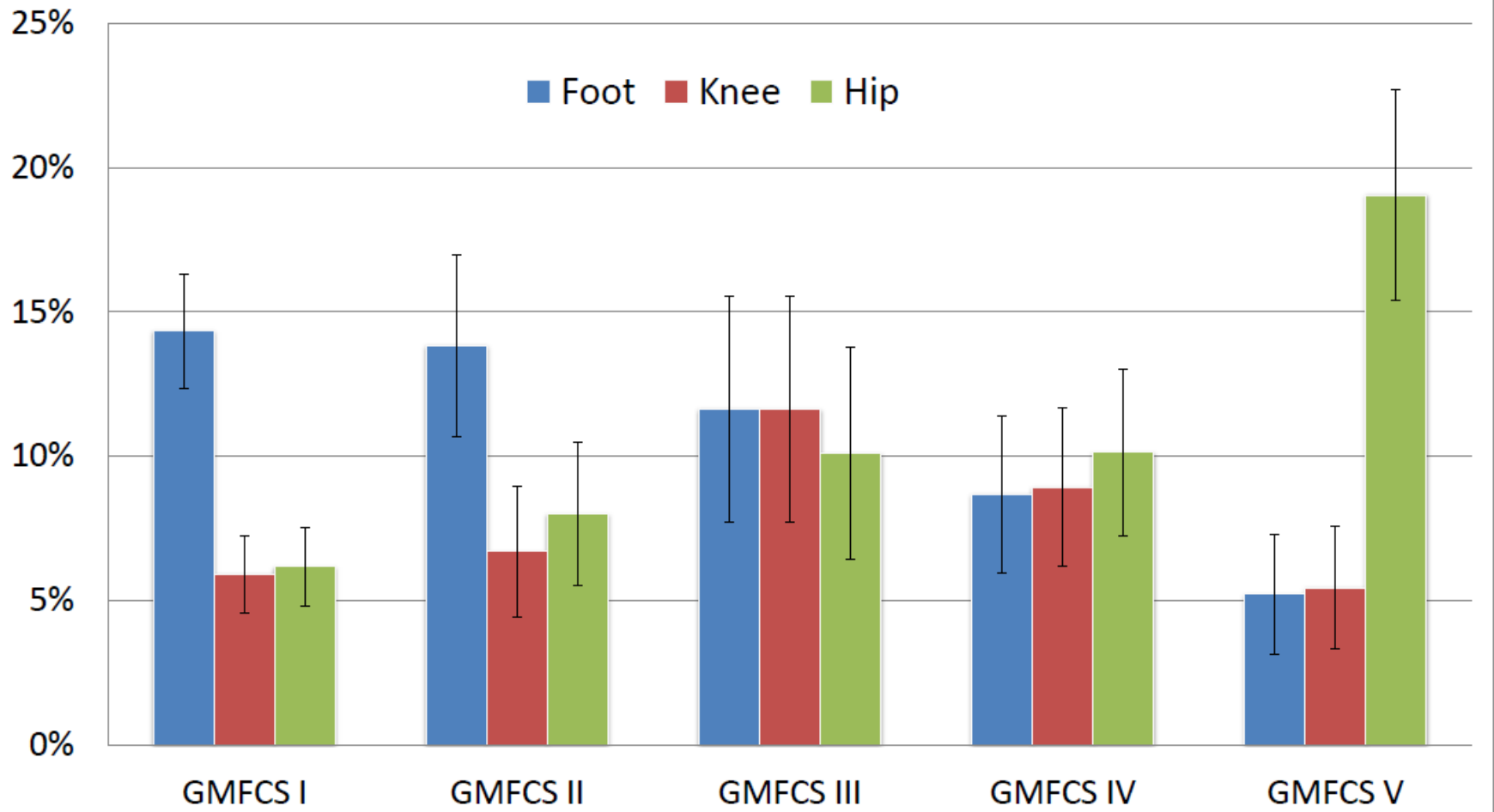
ONT !

GMFCS I–III (IV)

ONT ?

GMFCS (IV) -V

Pain in lower extremities related to GMFCS



Cerebral pares



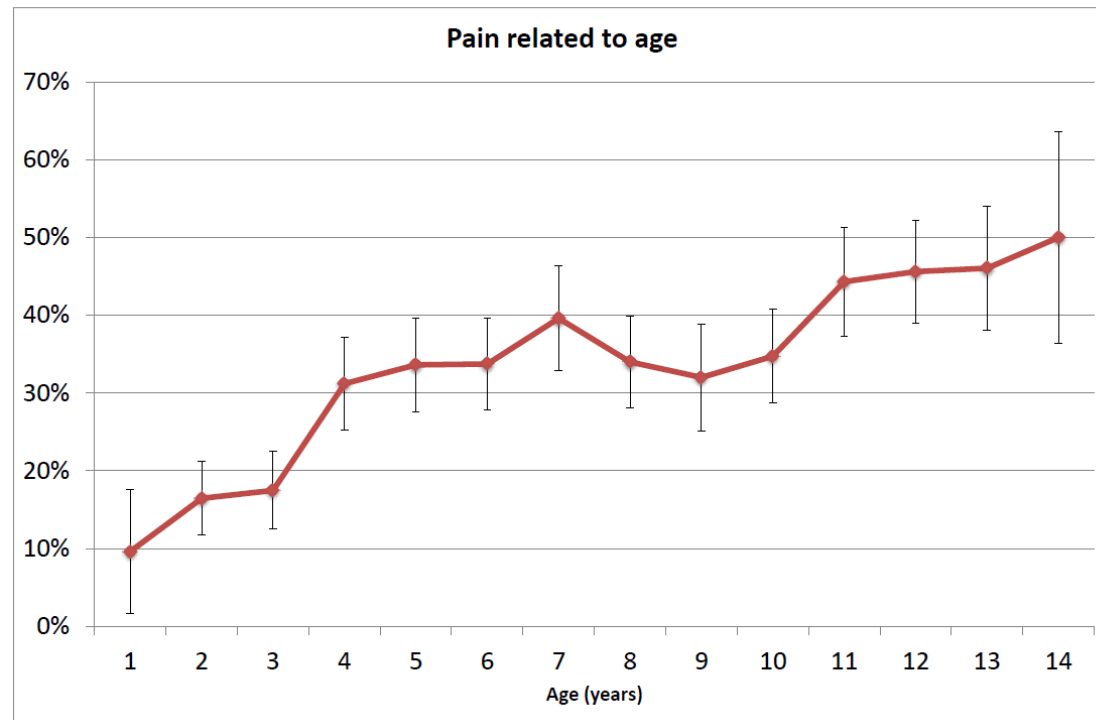
Muskel-
svaghet



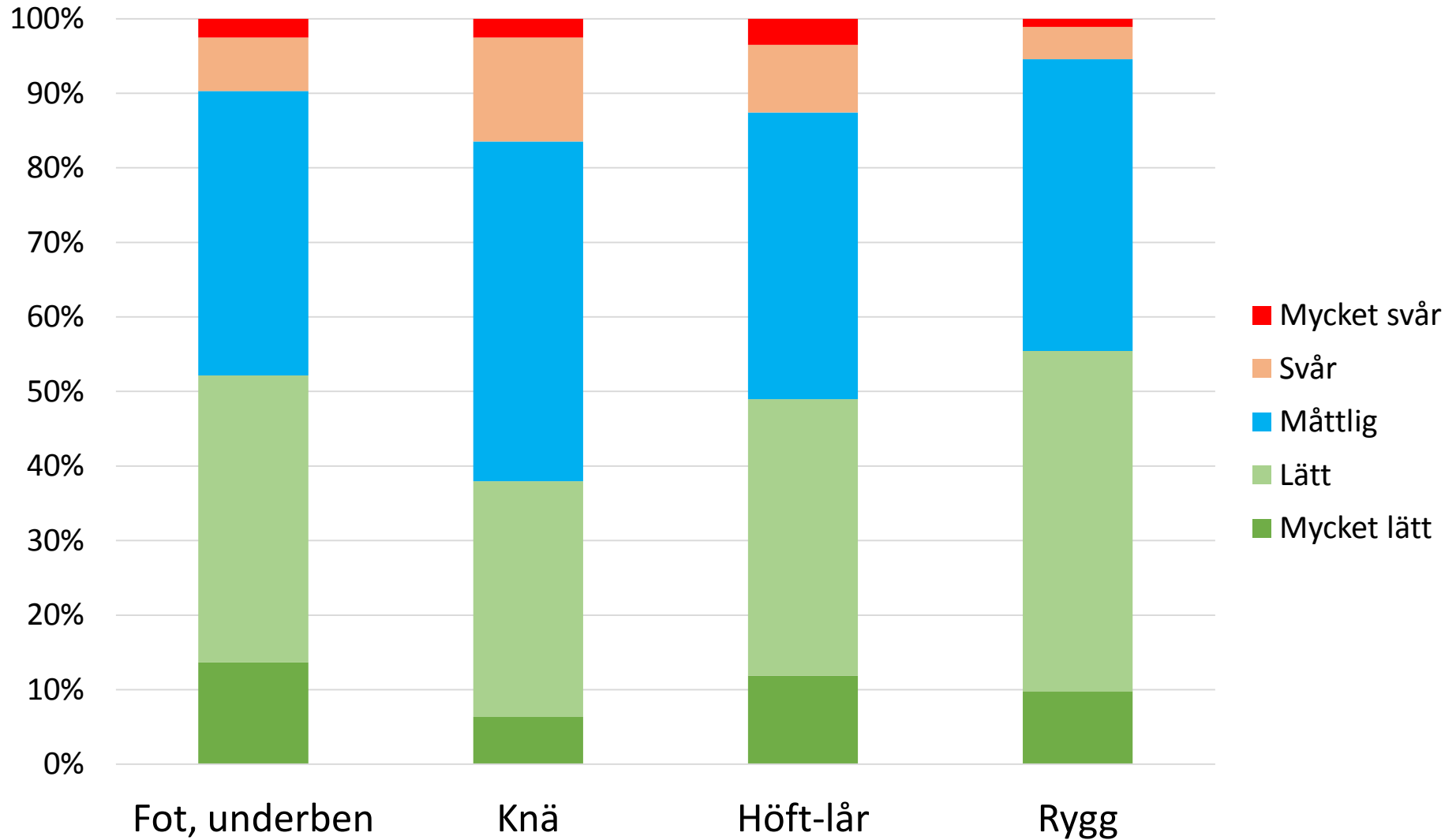
Behandling

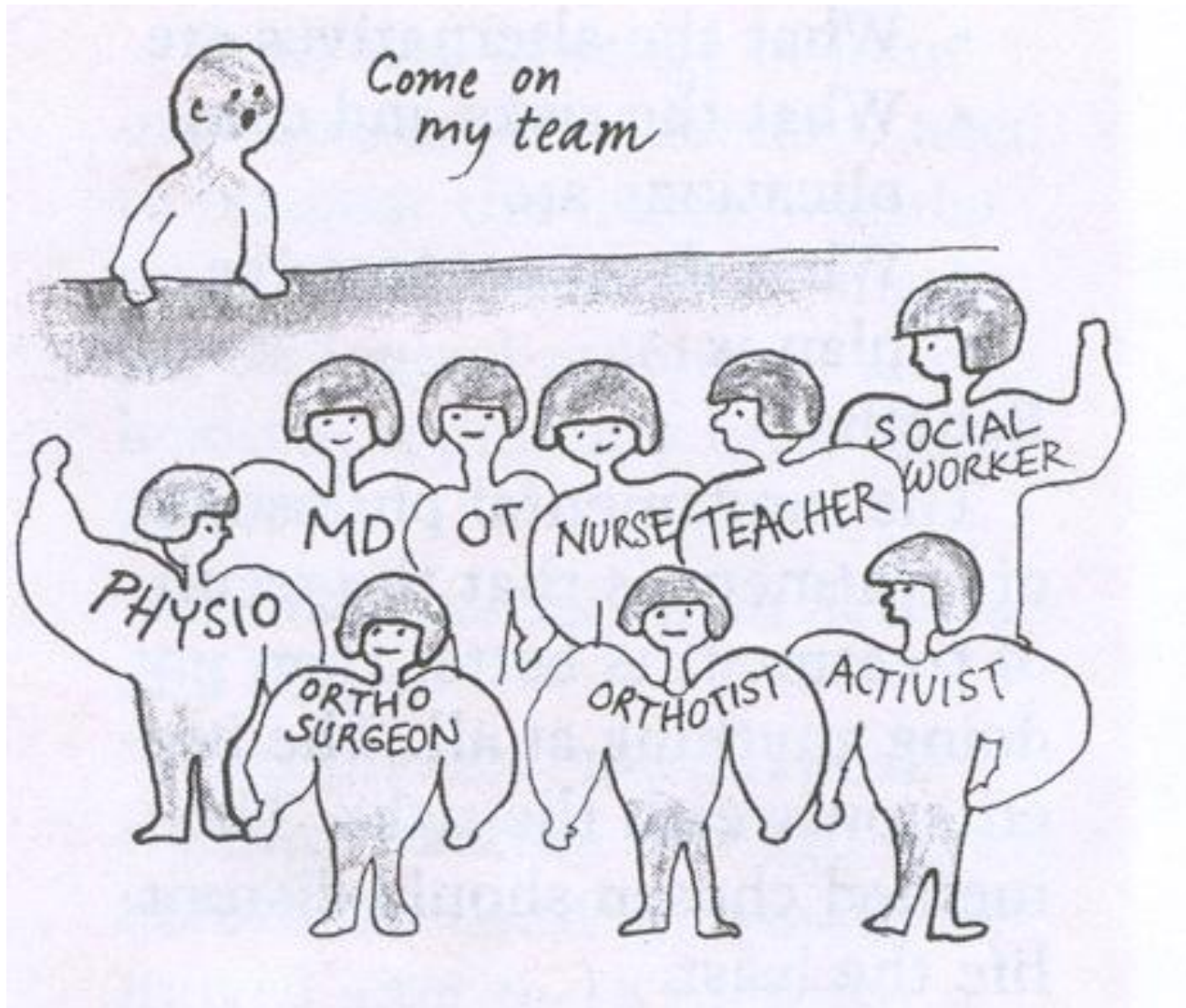


Inaktivitet



Grad av smärta





Sammanfattning

Många symptom kan bero på smärta

All smärta beror inte på CP

Både utredning och behandling kräver
ofta teamsamarbete