

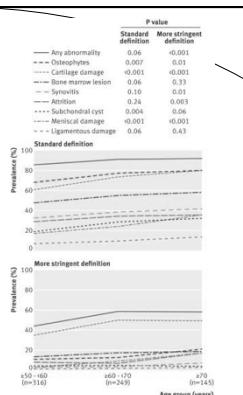
Medical Management of the Young Arthritic Knee

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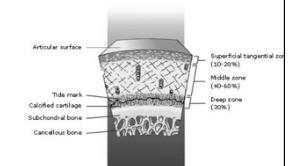
Consultant Knee Surgeon
Worcestershire Royal Hospital
United Kingdom

Overview

- Review of early pathological process
- What are the medical options
 - » Risk factors
 - » Mechanical alignment
 - » Analgesia strategies
- Evidence
- Summary



osteoarthritis

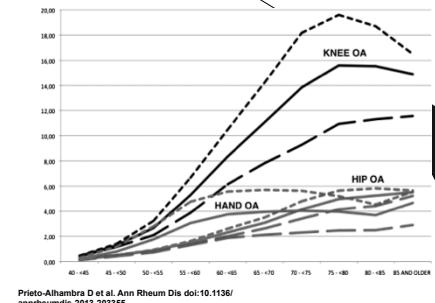


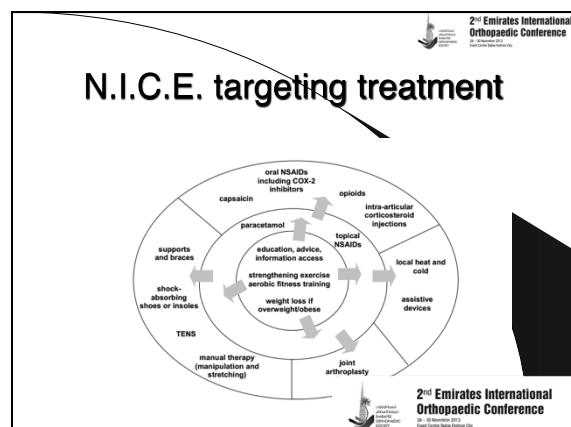
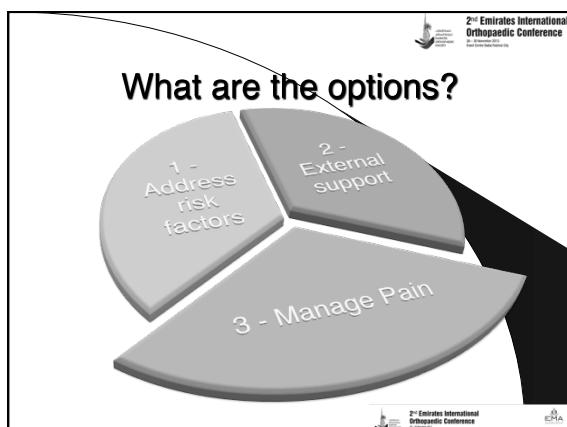
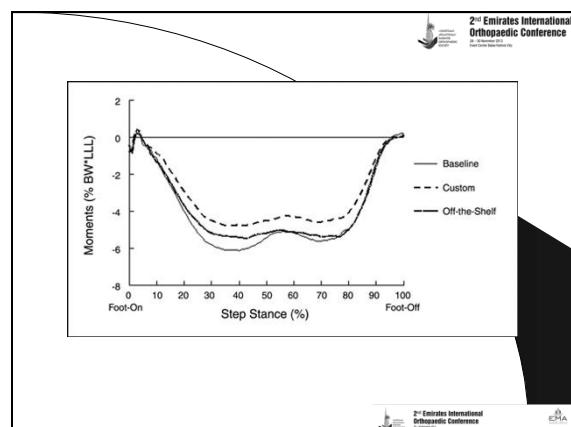
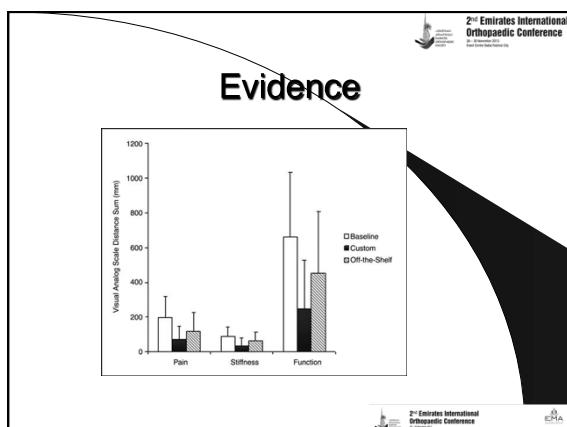
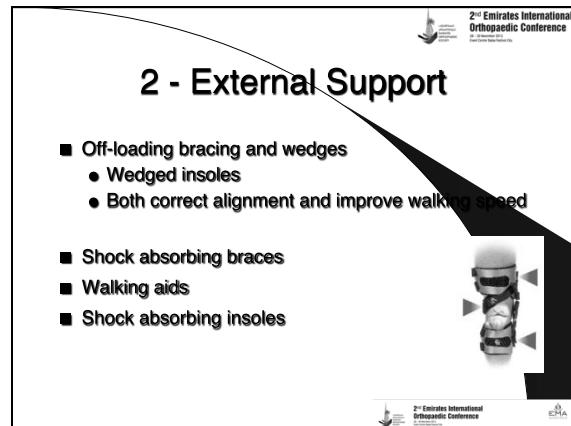
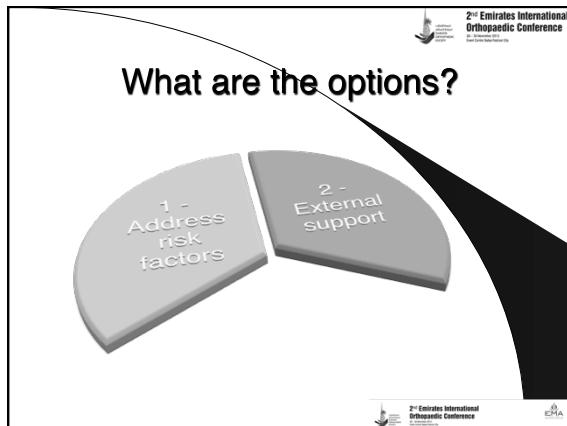
What are the options?

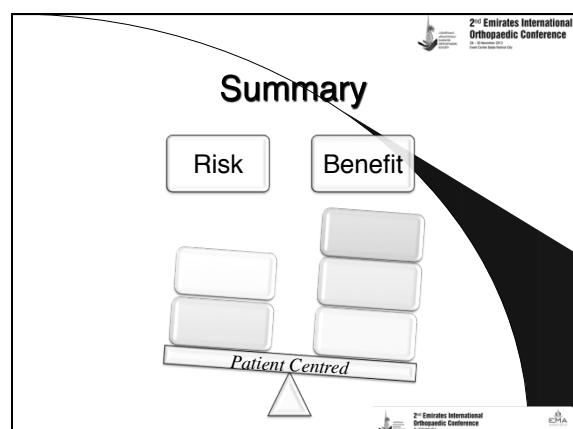
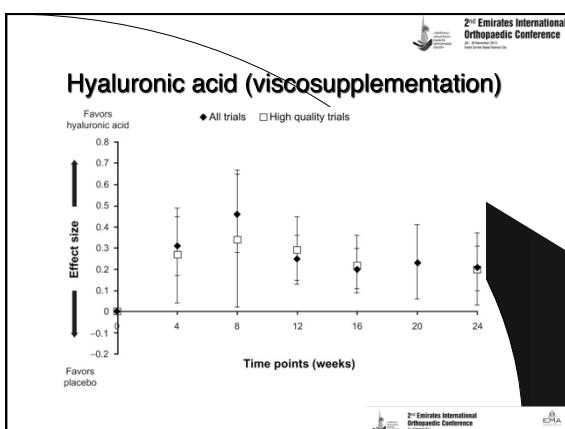
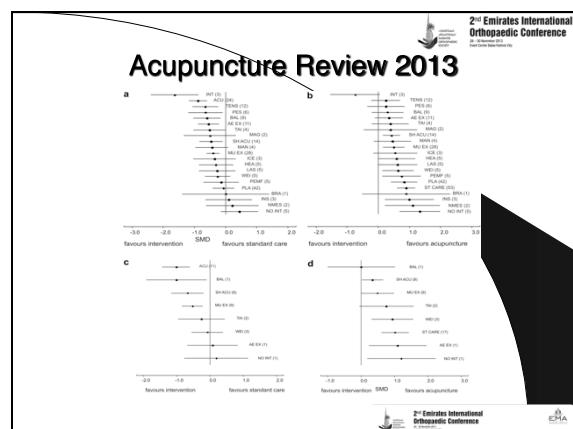
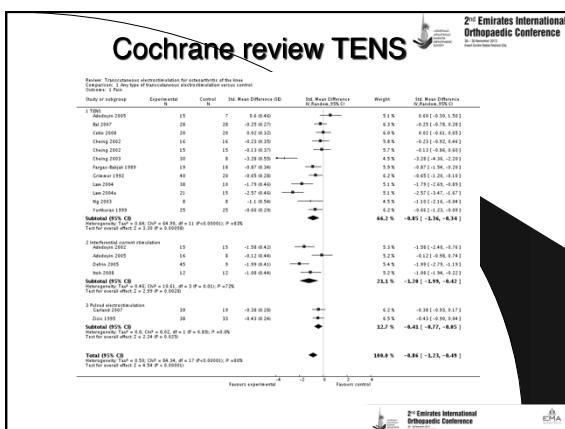
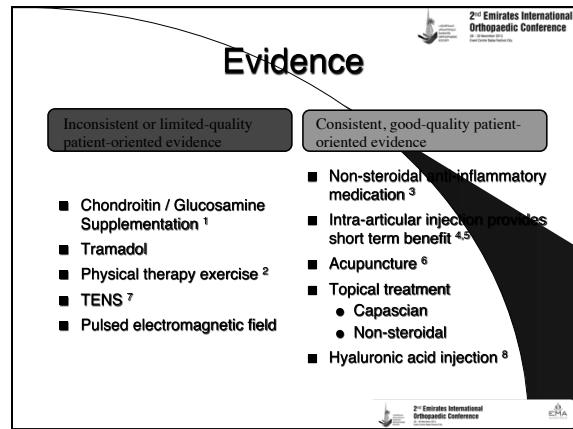
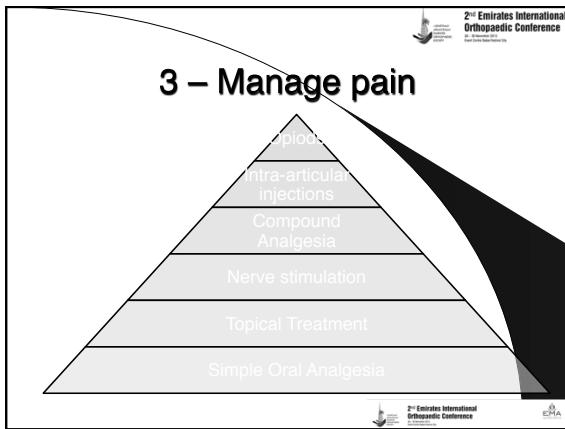


- ## 1 - Risk Factors
- Female sex
 - Inflammatory joint disease
 - Obesity
 - Strongest modifiable factor
 - Occupation requiring repetitive knee bending
 - Age
 - Previous knee injury
 - Smoking seems to be protective

Age and gender-specific incidence rates (/1000 person-years) of knee osteoarthritis (OA) (black), hip OA (grey), and hand OA (white).







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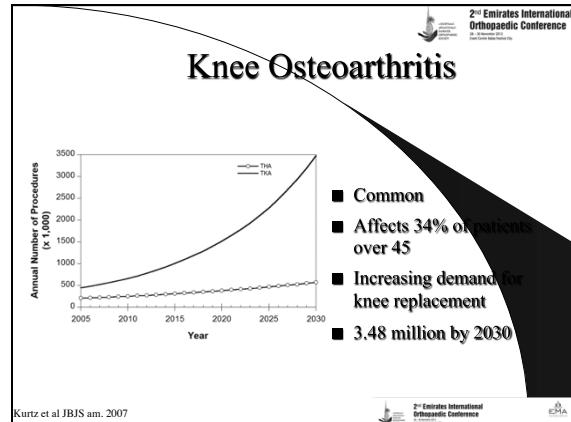
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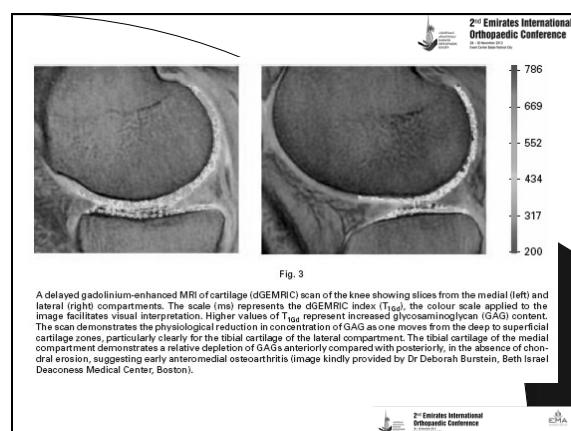
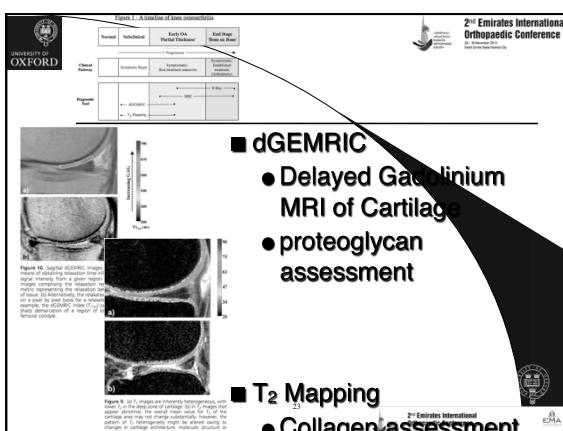
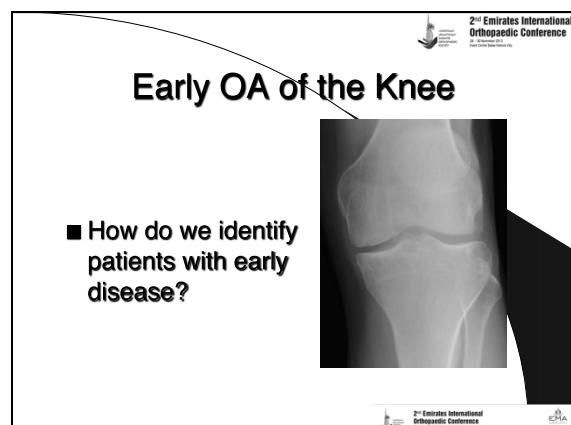
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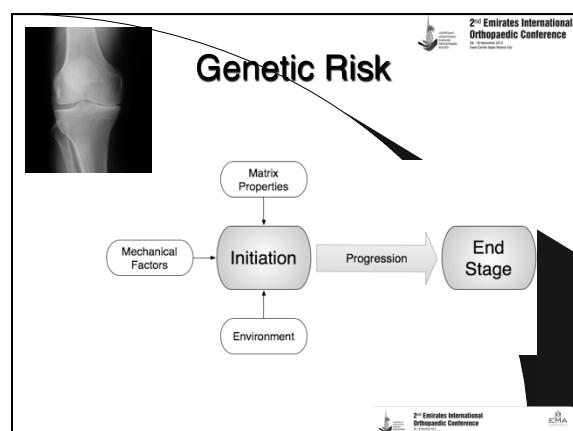
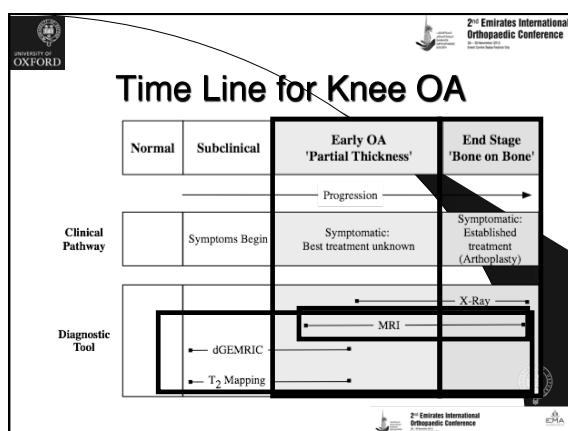
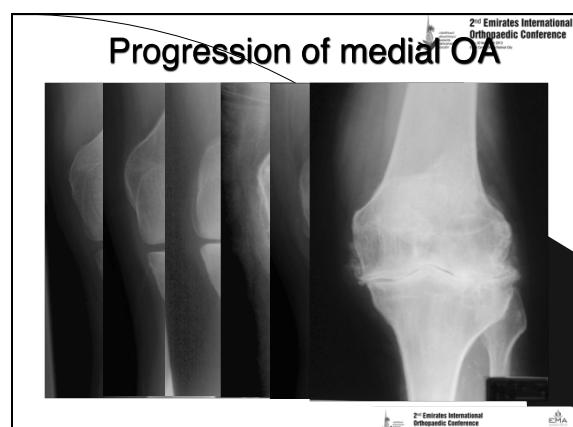
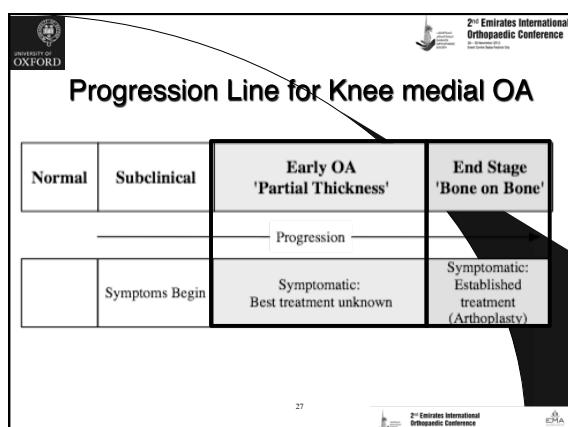
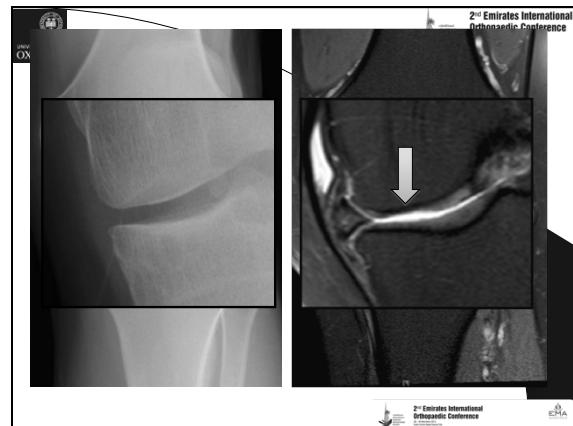
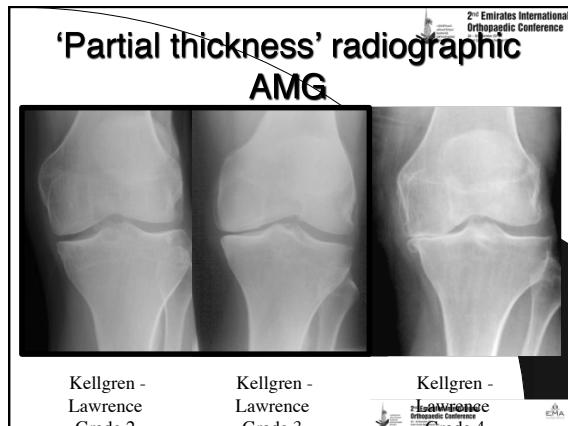
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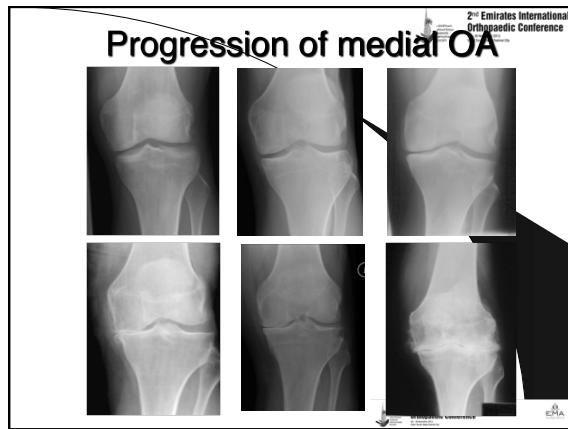


Treatment of earlier disease

We need to understand the pattern of early disease.







Obesity

Daily Telegraph 26/10/06
Britain is the fattest country in Europe
Figures show that 23 per cent of adults obese,
Spain (13.1)
Germany (12.9)
France (9.4)
Italy (8.5)

2nd Emirates International Orthopaedic Conference

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