

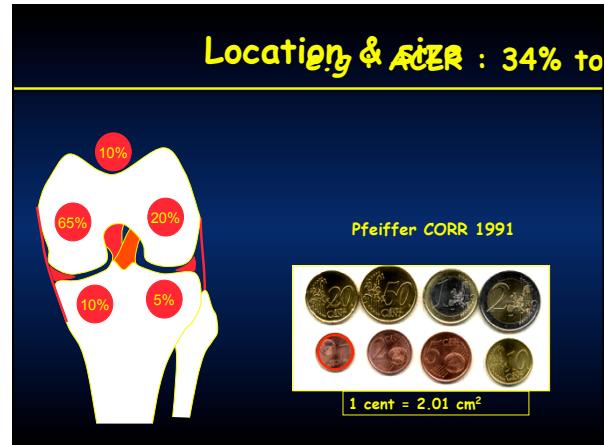
## ALLOGRAFT

### Resurfacing Methods for Focal Cartilaginous Defect

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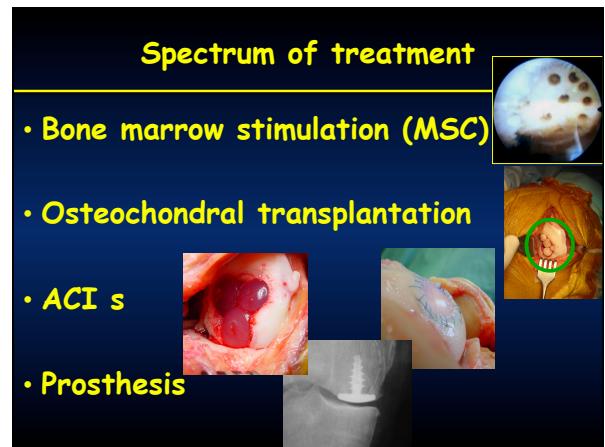
Aix en Provence - France

**PACAS**  
Pôle Accès à la Chirurgie Articulaire et Sportive



### Which lesions to treat?

- Hypothesis : repair should avoid DJD
- Symptomatic in chronic cases
- Weight bearing area
  - Young population
  - Large size



### Osteochondral transplantation

- Autograft / Allograft
- Mosaicplasty / Massive
- Technically difficult
- Challenge for restoring
  - Curvature
  - Deepness
- Hyaline tissue

Hangody JBJS 2003

Bartz Am J Sport Med 2001  
Terukina Arthroscopy 2003  
Koh n Am J Sport Med 2004

### Allograft osteochondral transplantation

#### Large lesions

Scaglione Arthroscopy 2003  
Chu Clin Orthop 1999

#### Mosaicplasty

### Allograft osteochondral transplantation

#### Large lesions

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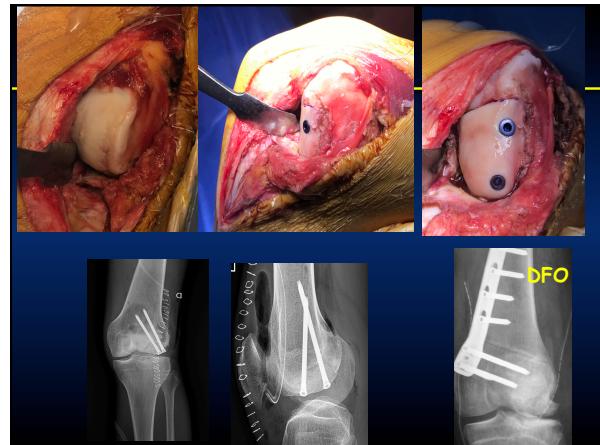
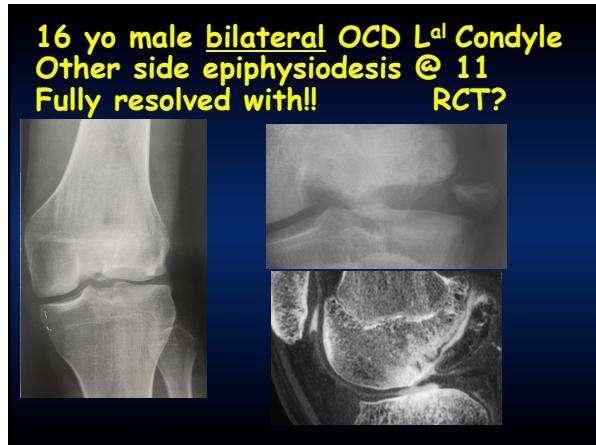
#### Mosaicplasty

### Allograft osteochondral transplantation

#### Large lesions

Scaglione Arthroscopy 2003  
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#### Massive



### Osteochondral transplantaiton

- Allograft security
- Sizing
- Shape
- Congruency
- Impaction slightly proud
- Postop regimen = fracture

Mologie AJSM 2014  
Wang JBJS 2017

### Allograft results for OCT

Park ICRS 2006	Williams ICRS 2006
• 37 patients @ 3 y • 76% excellent/good	• 20 patients @ 32 m • Prospective
• Large tear 10.5 cm <sup>2</sup> • 19 unipolar • 15 multipolar	• Clinical improvement
• Arthritic knees ! • 39% grade I - II • 61% grade III - IV	• 18 MRI : • Graft cartilage intact • Fusion 15/18 • Oedema : 10/18

