

# Dave Ramsay



What's new and Cool?

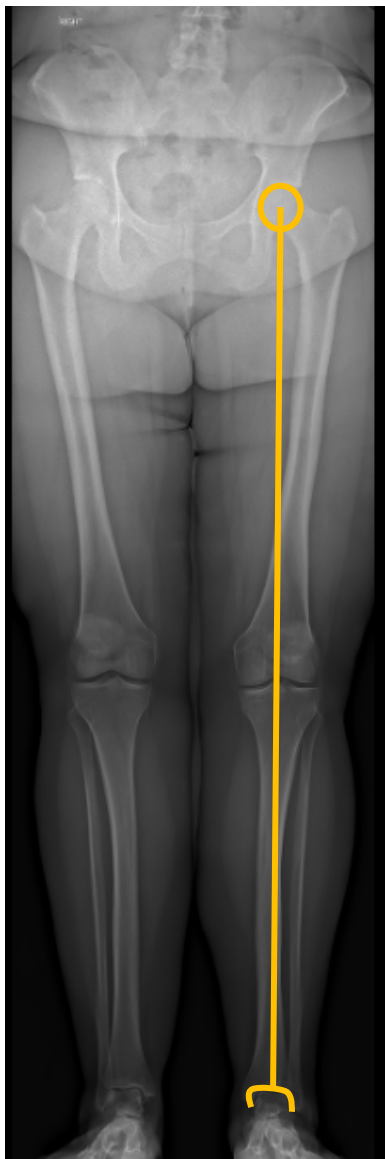
# Robots!!!



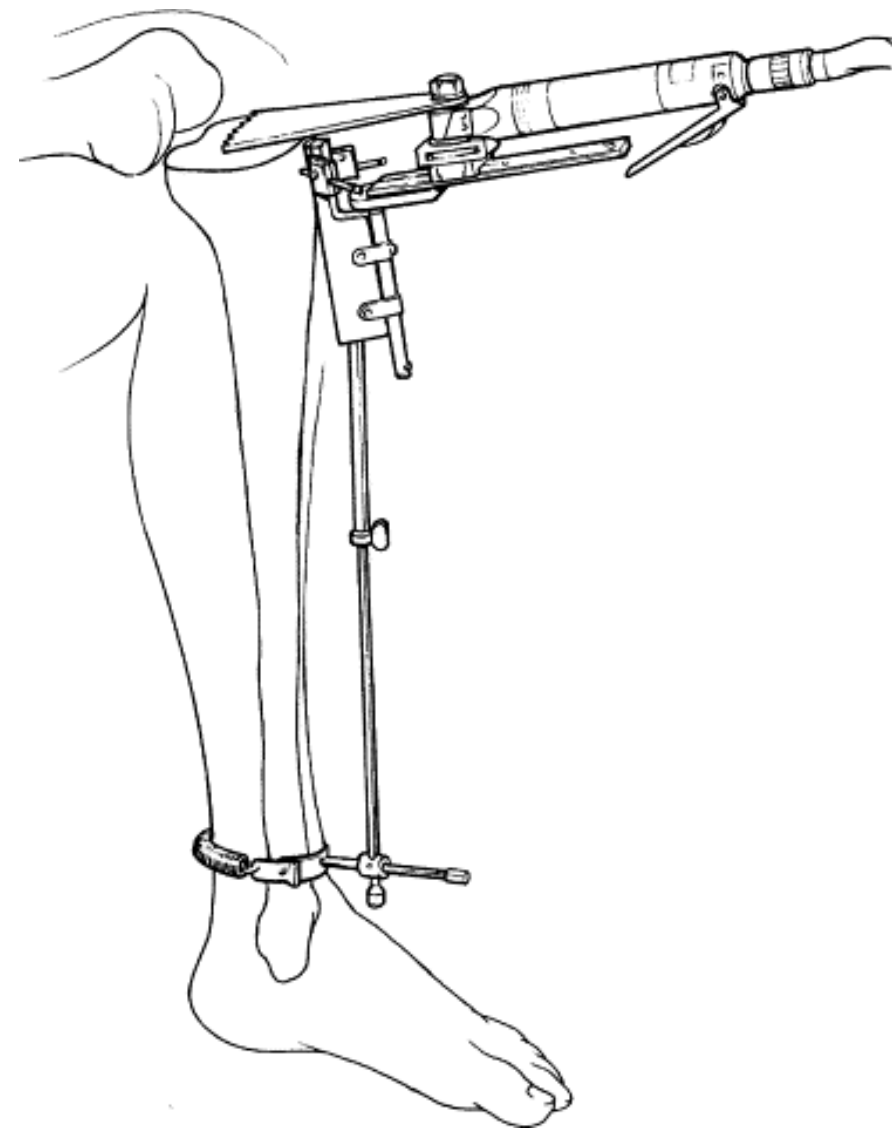
# Robots!!!



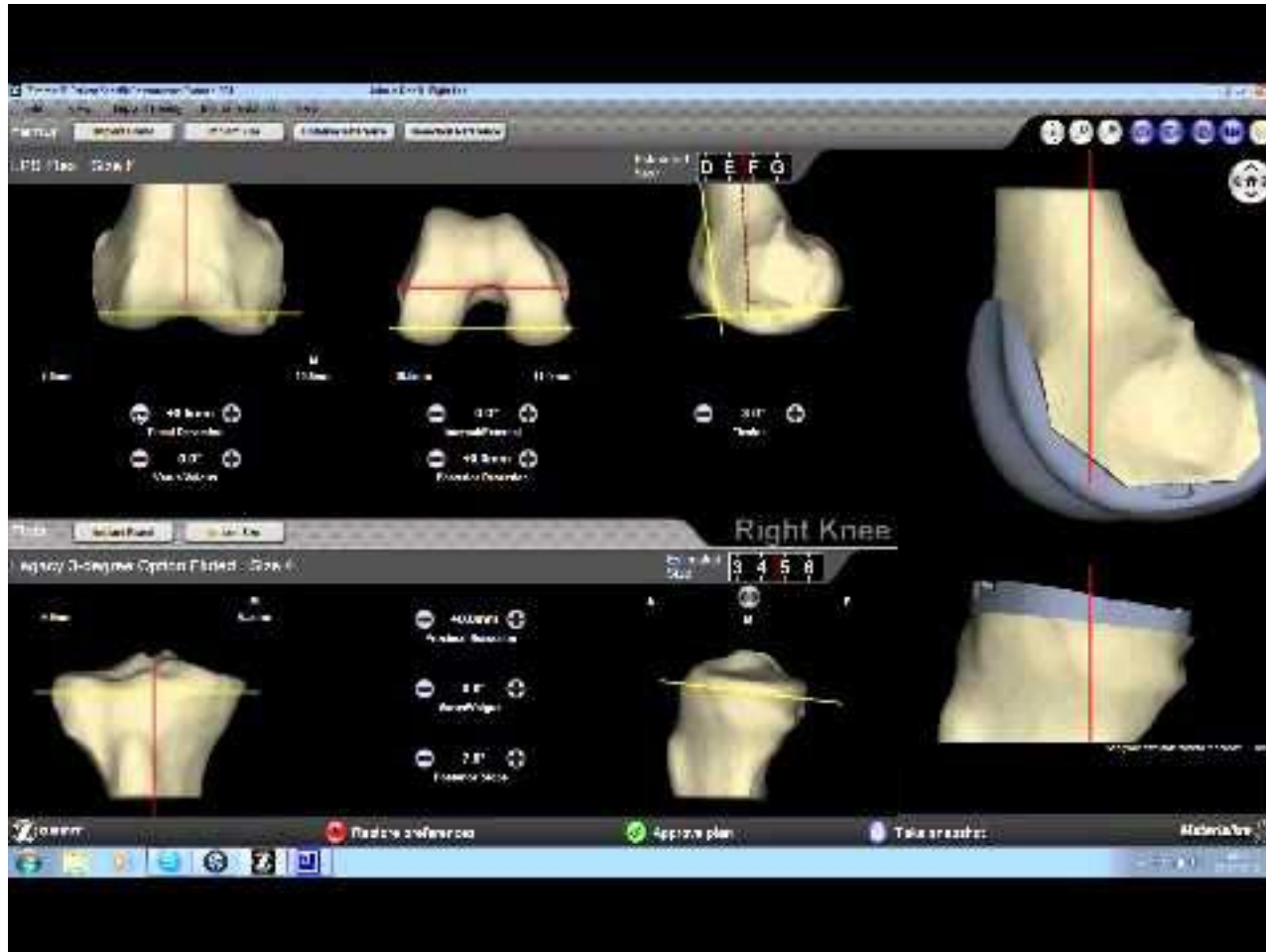
# Getting it straight



# Getting it straight



# Getting it straight



# Getting it straight





# Getting it straight



Getting it straight





YOUR SURGEON CREATES A PLAN FOR YOUR SURGERY

**SURGEON** **SETUP** **FEMUR** **TIBIA** **EVALUATION** **PLANNING** **CASE INFO**  
PROCEDURE: LEFT TKA  
IMPLANT: PERSONA Edit  
PATIENT ID: LSB8F8L50CS18UR

FEMORAL SIZE: < 9 > BEARING THICKNESS: < 10 > TIBIAL SIZE: < E >

**RESECTIONS**

**FEMUR VARUS/VALGUS**  
0.0°

**DISTAL RESECTION**  
7.5 mm

**POSTERIOR RESECTION**  
9.0 mm

**PROXIMAL RESECTION**  
2.0 mm

**M**

**TIBIAL VARUS/VALGUS**

**DISTAL RESECTION**  
9.5 mm

**POSTERIOR RESECTION**  
5.5 mm

**PROXIMAL RESECTION**  
8.0 mm

**L**

**STYLUS HEIGHT**  
3.0 mm

**FLEXION**  
3.0°

**POSTERIOR SLOPE**  
7.0°

**VIEW**  
Extension  
Flexion  
Axial Tibia

**SHOW**  
Implants  
Cuts  
Axes  
Landmarks

Balance  
Restore Pre-Plan

**MENU** **CAMERA** **SNAPSHOT** **HKA** **ROSA**

**ZIMMER BIOMET ROSA**

ROSA KNEE PROVIDES YOU



# Getting it straight

**Panel a:**

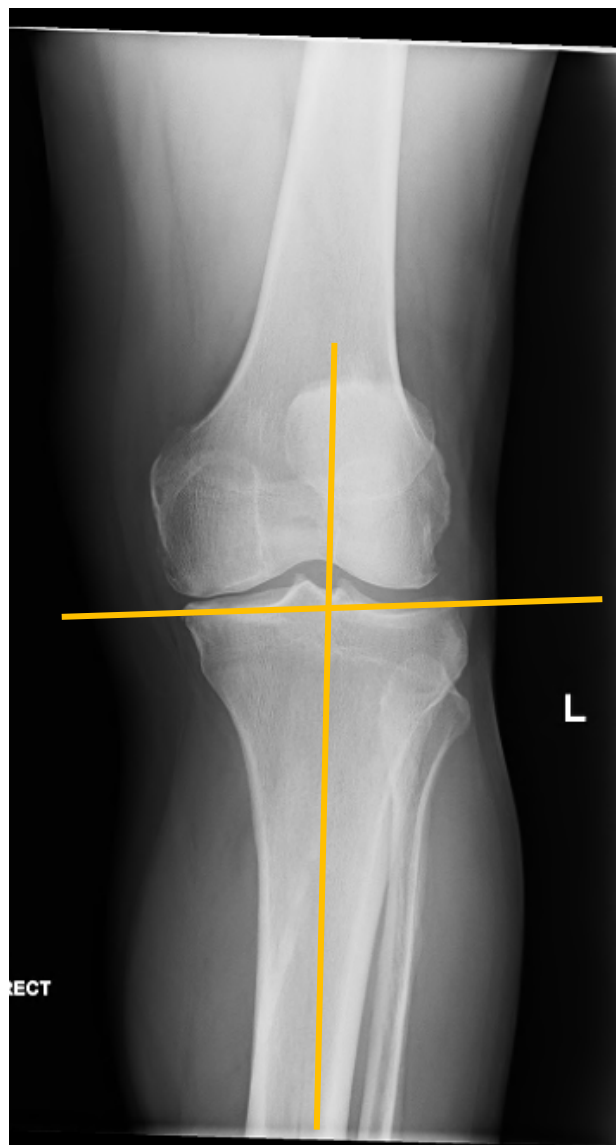
- Case Info:** PROCEDURE: RIGHT TKA, IMPLANT: PERSONA, PATIENT ID: TGU36ER52DC16US
- Parameters:** FEMORAL SIZE: 7, BEARING THICKNESS: 10, TIBIAL SIZE: D
- Measurements:** FEMUR VARUS/VALGUS: 0.0°, TIBIA VARUS/VALGUS: 0.0°, POSTERIOR SLOPE: 7.0°, FLEXION: 3.0°, STYLUS HEIGHT: 0.5 mm
- Resections (L):** DISTAL RESECTION: 7.0 mm, POSTERIOR RESECTION: 10.5 mm, PROXIMAL RESECTION: 10.0 mm
- Resections (M):** DISTAL RESECTION: 10.0 mm, POSTERIOR RESECTION: 12.0 mm, PROXIMAL RESECTION: 5.5 mm
- Views:** Extension, Flexion, Axial Tibia
- Buttons:** SHOW Implants, Cuts, Axes, Landmarks, Balance, Restore Pre-Plan

**Panel b:**

- Case Info:** PROCEDURE: RIGHT TKA, IMPLANT: PERSONA, PATIENT ID: TGU36ER52DC16US
- Parameters:** FEMORAL SIZE: 7, BEARING THICKNESS: 10, TIBIAL SIZE: D
- Measurements:** ASSESSED PCA ROTATION: --°, FLEXION: 3.0°, STYLUS HEIGHT: 0.5 mm
- Resections (L):** DISTAL RESECTION: 7.0 mm, POSTERIOR RESECTION: 10.5 mm, PROXIMAL RESECTION: 10.0 mm
- Resections (M):** DISTAL RESECTION: 10.0 mm, POSTERIOR RESECTION: 12.0 mm, PROXIMAL RESECTION: 5.5 mm
- Views:** Extension, Flexion, Axial Tibia
- Buttons:** SHOW Implants, Cuts, Axes, Landmarks, Balance, Restore Pre-Plan

**Navigation:** SURGEON, SETUP, FEMUR, TIBIA, EVALUATION, PLANNING, MENU, CAMERA, SNAPSHOT, HKA, ROSA HOME, ZIMMER BIOMET ROSA

# Getting it straight



Now at  
Mater Redlands!





# How to Manage Knee Arthritis Patients

# COVID-19 Impact on Joint Replacement in Australia



In 2020-2021 there were

**19,595**

fewer procedures than expected had the 2008-2019 trend in joint replacement procedures continued.

Public Hospital joint replacement procedures decreased by

**14.9%**

in 2021 compared to 2019.

Private Hospital joint replacement procedures increased by

**10.9%**

in 2021 compared to 2019.



# Three Pathways for Surgical Treatment

- Public system (No direct financial cost / 2.5-3yr wait)
- Take out health insurance (\$2000-4000 out of pocket / 1 year wait)
- Self fund Surgery ( ~ \$24k / No wait)

# Caveats

- Joint replacements not performed at Redlands Public Hospital
  - Mostly QE2, some at Logan or PA.
  - Still aggressively diverted to physiotherapy
  - No assistance with psychology / analgesia / weight loss during wait
  - Patients still being told “too young”, “too old”, “too obese”
- Patients with significant comorbidities (ASA >2) may not be suitable for self funded care.

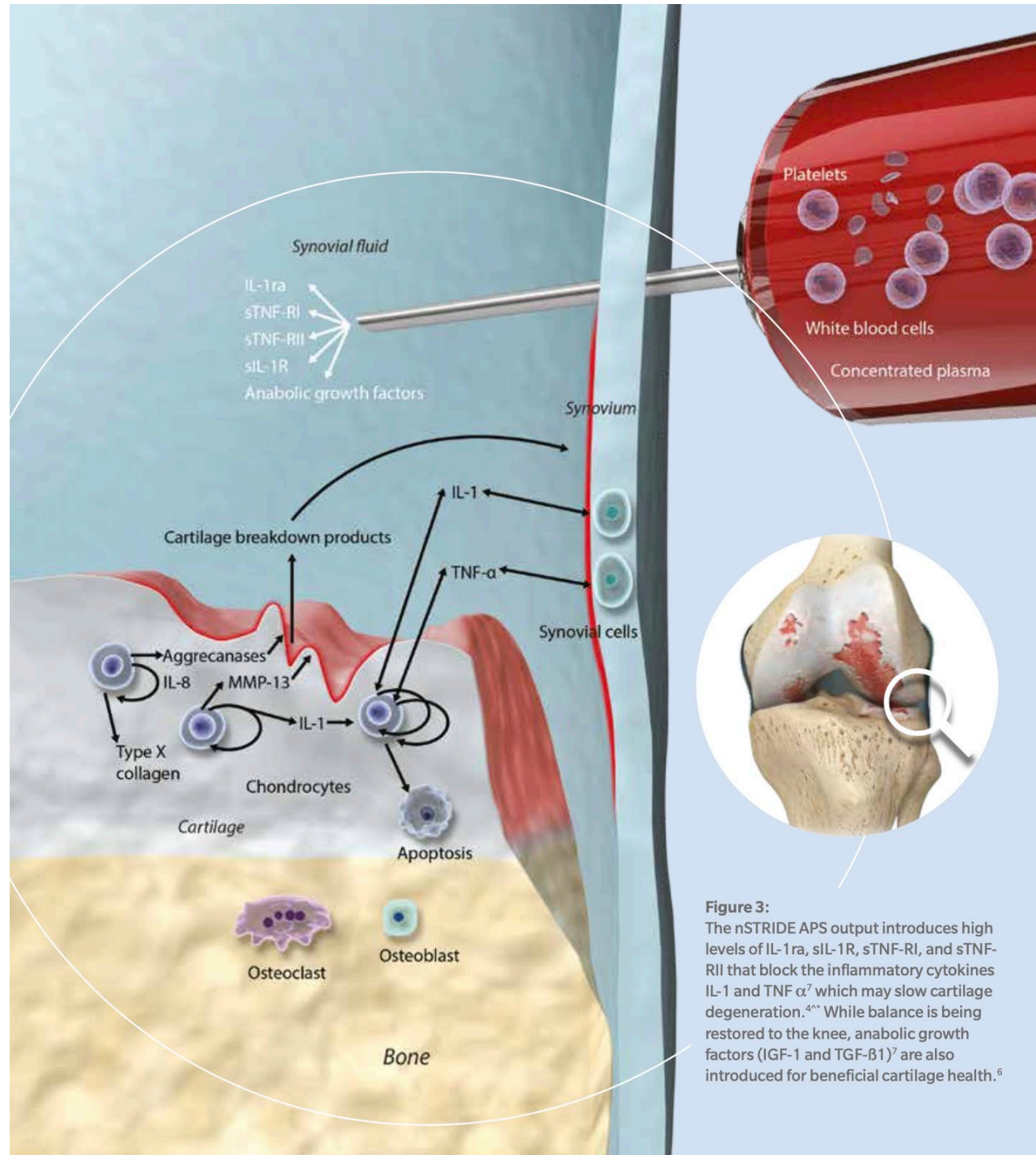


**nSTRIDE®**

**70% improvement in  
knee pain at 3 years  
following a single injection <sup>1,2</sup>**

**AA** Autologous  
Anti-Inflammatory  
Treatment





**Figure 3:** The nSTRIDE APS output introduces high levels of IL-1ra, sIL-1R, sTNF-RI, and sTNF-RII that block the inflammatory cytokines IL-1 and TNF  $\alpha$  which may slow cartilage degeneration.<sup>4</sup> While balance is being restored to the knee, anabolic growth factors (IGF-1 and TGF- $\beta$ 1)<sup>7</sup> are also introduced for beneficial cartilage health.<sup>6</sup>

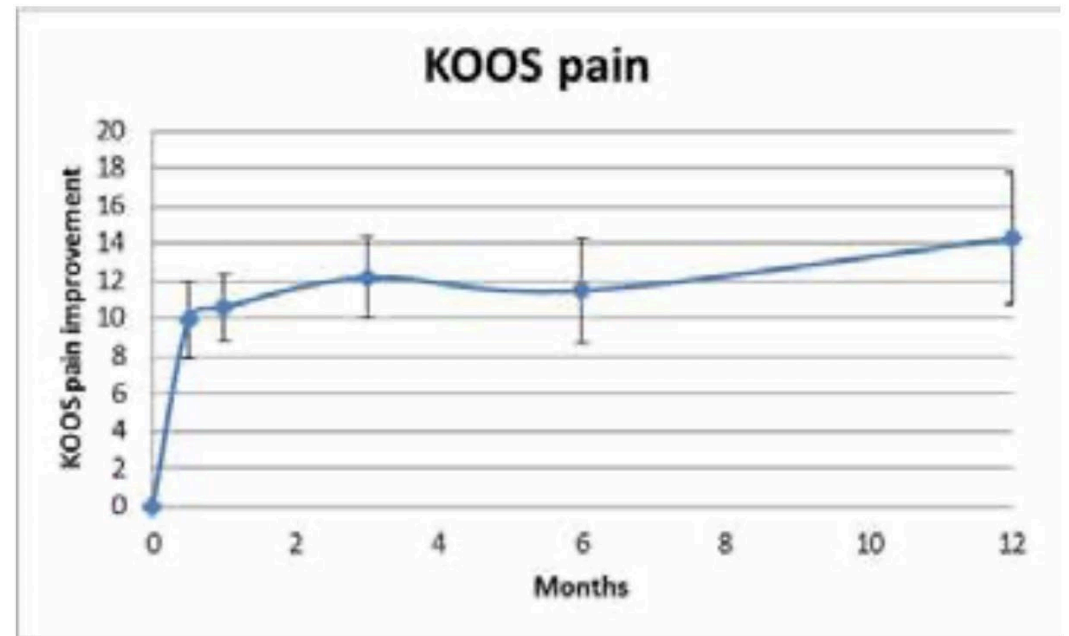
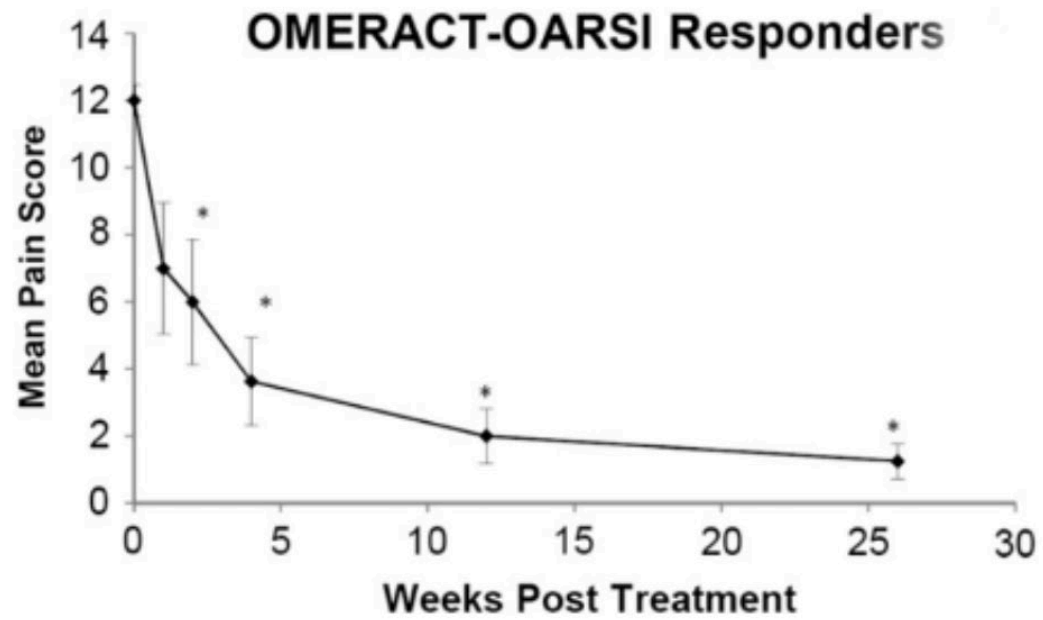


Figure 27  
 KOOS pain scores to 12 months<sup>71</sup>

- Cortisone / Local anaesthetic : 3 months, cost of appointment
- Hyaluronic acid : 4-6 months, appointment + \$500
- N-Stride : 24-36 months, appointment + ~\$900



