



MARCQI

Michigan Arthroplasty Registry
Collaborative Quality Initiative

Accessing the new MARCQI PRO Trend Report

May 29, 2024

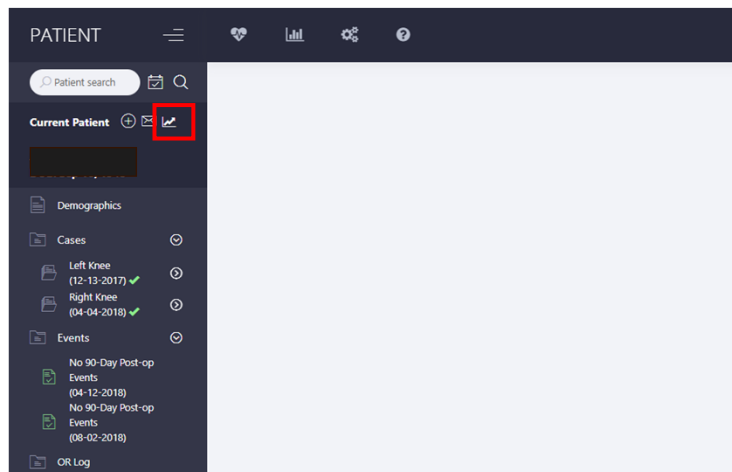
© 2024, Michigan Arthroplasty Registry Collaborative Quality Initiative

1



Open Trend Report

- Select your patient
- Select the “Trend” icon



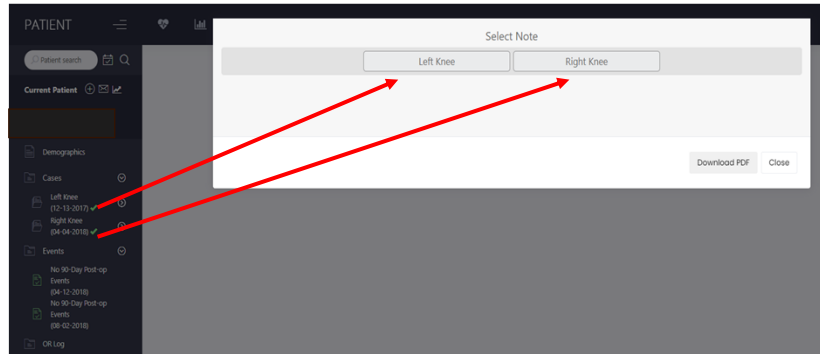
© 2024, Michigan Arthroplasty Registry Collaborative Quality Initiative

2



Joint Selection Box

- Option to choose which joint
- Selection box now appears when more than one joint operated on



© 2024, Michigan Arthroplasty Registry Collaborative Quality Initiative

3



Trend Report

- Same display that would appear on clinic module
- If “age” or “sex” are null, the system will not display “others like you.”
 - Do we want a disclaimer when this occurs? (hover over)
 - e.g. “The charts show how the patient’s score changes over time compared to the scores of other patients who are the same age and gender in the MARCQI group. To compare scores like this, we need to know the patient’s age and gender.”



PAGE 1
Scroll
Down



© 2024, Michigan Arthroplasty Registry Collaborative Quality Initiative

4



Trend Report

- Status:
 - Better = Bold, green w/up arrow
 - Same = standard font
 - Worse = Bold, red in parenthesis

Status
Same
(Worse)
↑ Better

Patient: [REDACTED]
Left Knee
Others Like You

Birthdate: [REDACTED]
Date of surgery: 12/13/2017
Gender: Female

Surgeon: [REDACTED]
Age range: 76 +/- 5 years


PROMIS-10			
Question	PreOp	Latest	Status
01: General Health	Very Good	Very Good	Same
02: Quality of Life	Very Good	Very Good	Same
03: Rate Physical Health	Very Good	Very Good	Same
04: Rate Mental Health	Very Good	Excellent	↑ Better
05: Satisfaction	Very Good	Very Good	Same
06: Everyday Activities	Mostly	Completely	↑ Better
07: Pain (0=None;10=Worst)	5	1	↑ Better
08: Rate Fatigue	Mild	Mild	Same
09: Rate Social Activities	Very Good	Very Good	Same
10: Emotional Problems	Rarely	Never	↑ Better
T Physical Score	47.7	54.1	↑ Better
T Mental Score	53.3	59.0	↑ Better

PAGE 2
Scroll Down



© 2024, Michigan Arthroplasty Registry Collaborative Quality Initiative

5



Trend Report

- Selection button for those who would like to download a PDF

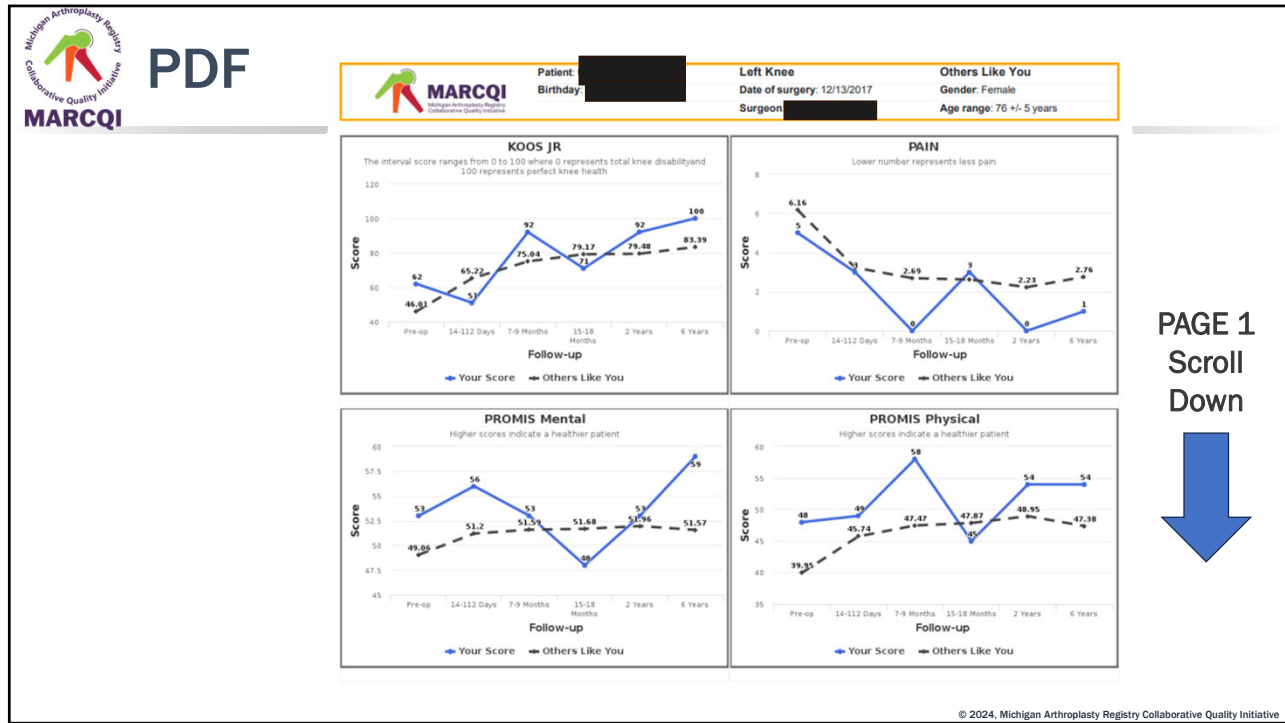
KOOS			
Question	PreOp	Latest	Status
Stiffness	Moderate	None	↑ Better
Pain: Twisting/Pivoting	Moderate	None	↑ Better
Pain: Straightening	Moderate	None	↑ Better
Pain: Stairs	Moderate	None	↑ Better
Pain: Standing	Moderate	None	↑ Better
Function: Rising	None	None	Same
Function: Bending	None	None	Same
Total	61.58	100.00	↑ Better

Download PDF
Close

PAGE 2
End

© 2024, Michigan Arthroplasty Registry Collaborative Quality Initiative

6



PAGE 1
 Scroll
 Down

MARCQI Michigan Arthroplasty Registry Collaborative Quality Initiative

PDF

Patient: [Redacted] Left Knee
 Birthday: [Redacted] Date of surgery: 12/13/2017
 Surgeon: [Redacted] Others Like You
 Gender: Female
 Age range: 76 +/- 5 years

Question	PreOp	Latest	Status
01: General Health	Very Good	Very Good	Same
02: Quality of Life	Very Good	Very Good	Same
03: Rate Physical Health	Very Good	Very Good	Same
04: Rate Mental Health	Very Good	Excellent	↑ Better
05: Satisfaction	Very Good	Very Good	Same
06: Everyday Activities	Mostly	Completely	↑ Better
07: Pain (0=None;10=Worst)	5	1	↑ Better
08: Rate Fatigue	Mild	Mild	Same
09: Rate Social Activities	Very Good	Very Good	Same
10: Emotional Problems	Rarely	Never	↑ Better
T Physical Score	47.7	54.1	↑ Better
T Mental Score	53.3	59.0	↑ Better

Question	PreOp	Latest	Status
Stiffness	Moderate	None	↑ Better
Pain: Twisting/Pivoting	Moderate	None	↑ Better
Pain: Straightening	Moderate	None	↑ Better
Pain: Stairs	Moderate	None	↑ Better
Pain: Standing	Moderate	None	↑ Better
Function: Rising	None	None	Same
Function: Bending	None	None	Same
Total	61.58	100.00	↑ Better

© 2024, Michigan Arthroplasty Registry Collaborative Quality Initiative

PAGE 2
 End