



REmote MOnitoring of Rheumatoid Arthritis: REMORA

Pete Mellor

Collaboration for Leadership in Applied
Health Research and Care (CLAHRC)
Greater Manchester



CLAHRC GM: Who we are

NHS
National Institute for
Health Research



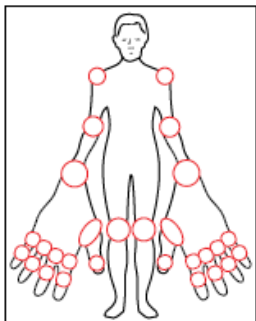
What is REMORA?

Patient Video

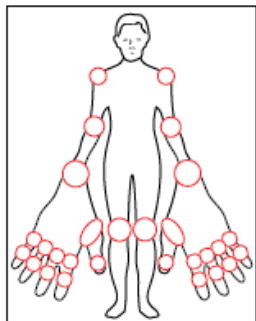
Treatment for RA: Consultations



Monitoring disease activity



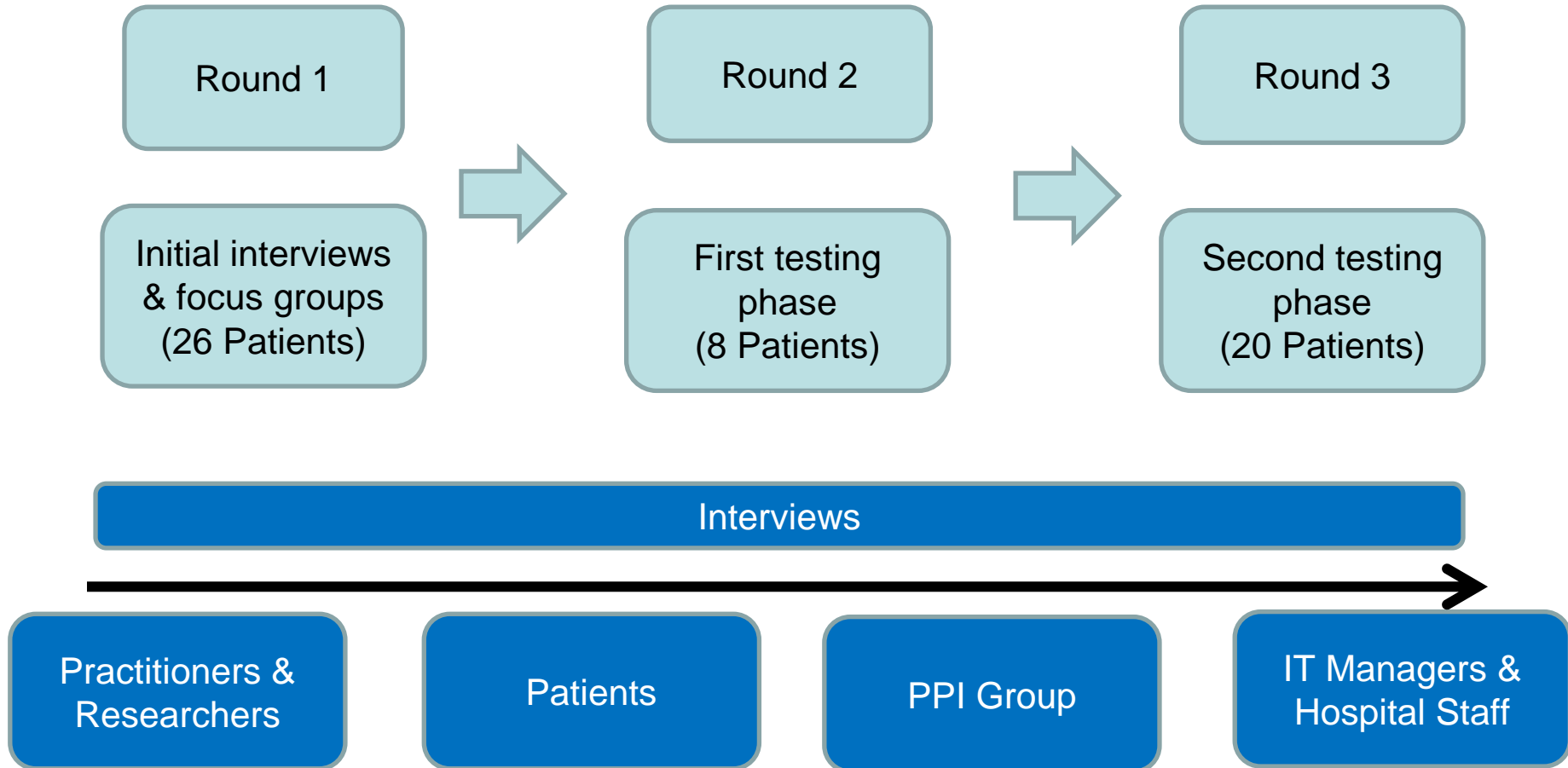
Tender Joints: Number _____



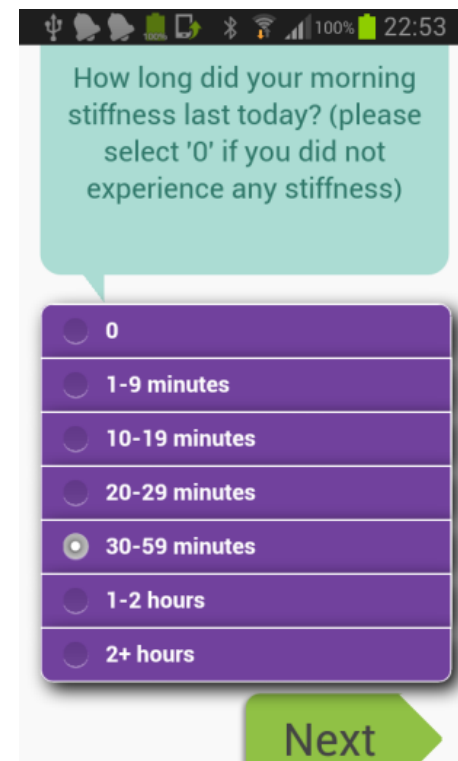
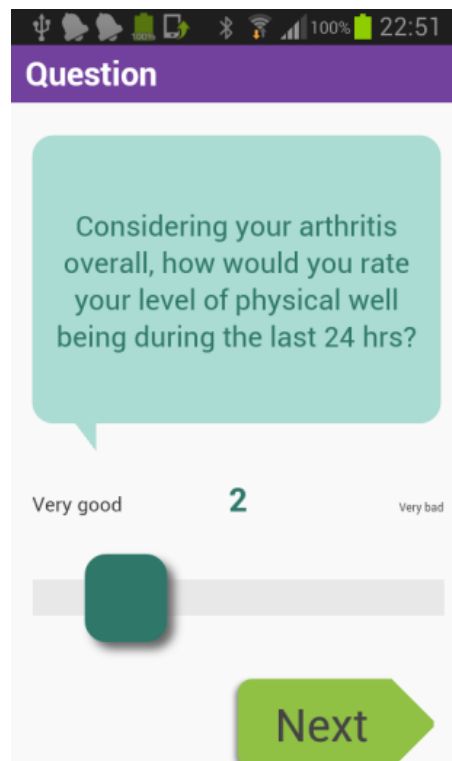
Swollen Joints: Number _____



The REMORA Study



The REMORA App



Patient Responses in EPR

Question

Have you experienced a flare in the last week?

No

Yes

Next

Question

Select the number that best describes the difficulty you had in doing daily physical activities due to your RA during the last 24hrs

No difficulty 9 Extreme difficulty

Next

How are you feeling?

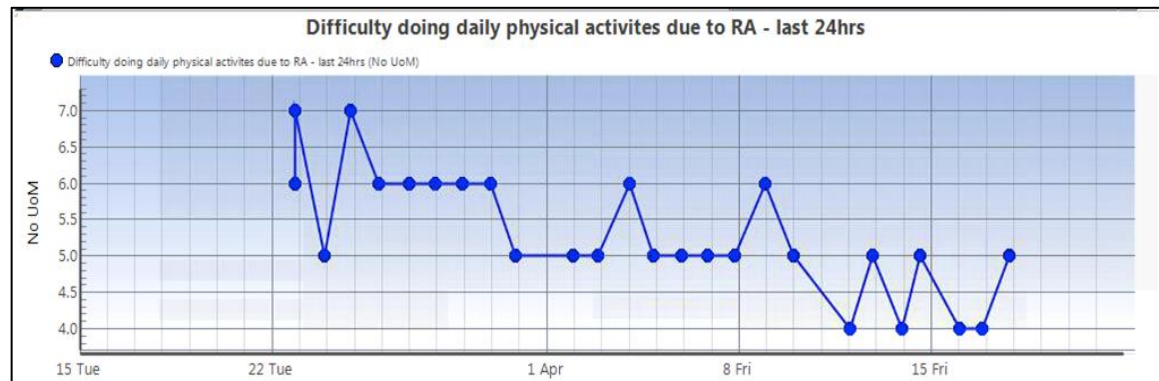
I feel...

😊 😊 😐 😞 😡

because...

0/150

Done



Electronic Patient Record

Patient List Results Orders Documents Flowsheets Patient Info Clinical Summary Scanned Records ECG SIR Letter Viewer Christie's PACS

Options Panel

Chart Selection
 This chart All available charts

Date Range
 Based on date: Received Perform
 From: 18-04-2015
One Year Ago

Retain selections for next patient

Display Format

Filters
 Result Selection:
 No Result Selection Filter

Options
 Abnormal
 Annotated only
 Include pending
 Include community results

Display Styles
 Display View:
 Summary
 Report by Order
 Trend
Trend & Graph

Sort Order (by Performed Date):
 Ascending Descending

Options
 Show category headers
 Show community source

All results for all available charts for performed dates from 18-04-2015;

	12042016 20:42	12042016 20:43	13042016 19:13	13042016 19:14	14042016 18:54	15042016 18:21	16042016 21:28	18042016 07:40
Echocardiogram Report								
Remora								
Daily								
Pain due to RA - last 24hrs	0		0		0	1	0	0
Difficulty doing daily physical activities due to RA - last 24hrs	1		1		1	1	1	0
Fatigue due to RA - last 24hrs	1		1		1	2	1	0
Sleep difficulties due to RA - last 24hrs	1		0		1	2	0	0
Level of physical well being - last 24 hrs	1		0		0	1	0	0
Level of emotional well being - last 24 hours	1		0		1	2	0	0
Coping (manage, deal, make do) with RA - last 24 hours	1		1		2	2	1	0
How long did your morning stiffness last today (minutes)	1		1		1	1	1	1
Weekly								
How many tender joints do you have today?			0		0			

Pain due to RA - last 24hrs

● Pain due to RA - last 24hrs (No UoM)

15 Tue 22 Tue 1 Apr 8 Fri 15 Fri

Mar 2016 18-Apr-16 09:59 09:59 18/04/2016

Patient feedback

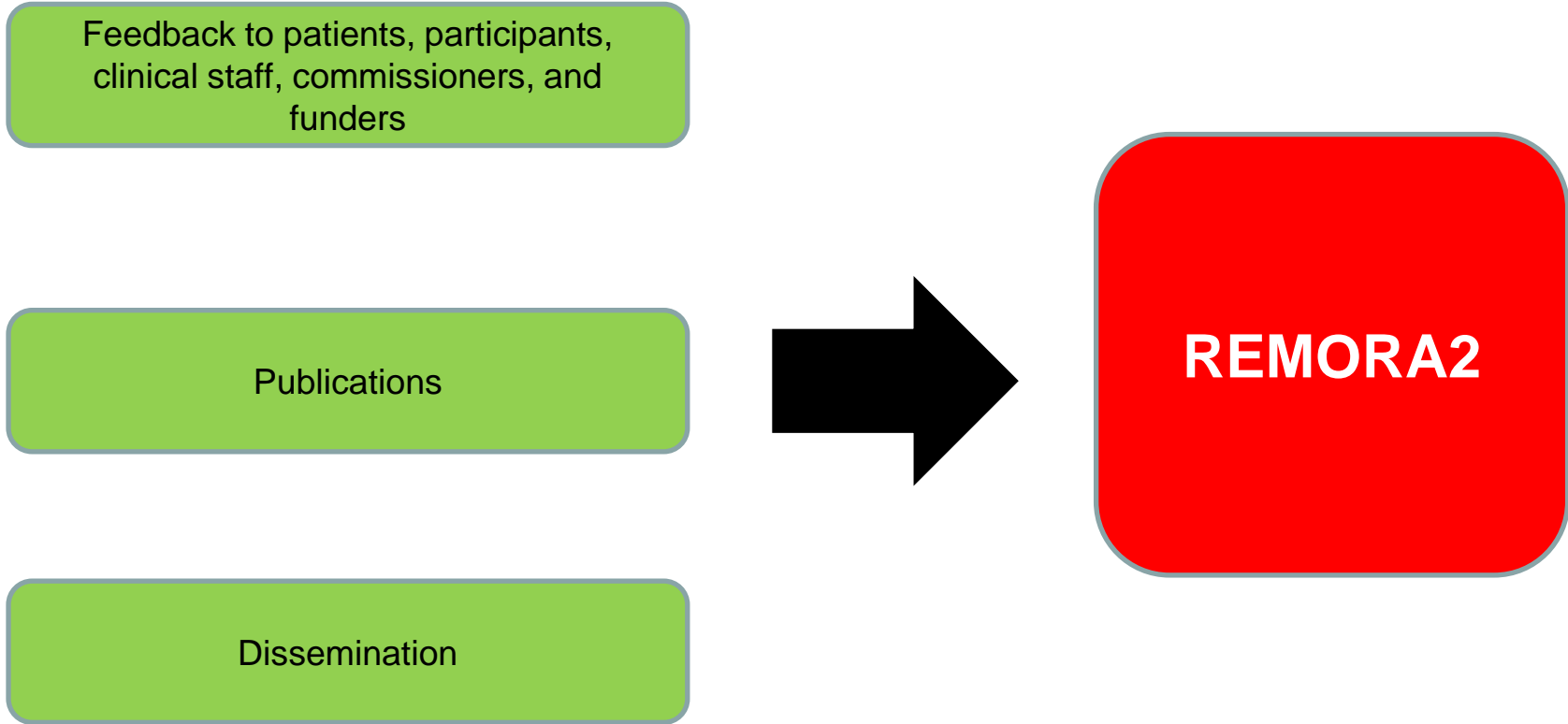


Clinical Consultations: the future

“Let’s see how you’ve
been over the last 6
months”



Next Steps for REMORA



Thank you

Questions?

Contact details:

Peter Mellor, Project Manager, peter.mellor@srft.nhs.uk

Principal investigator, Professor Will Dixon: william.dixon@manchester.ac.uk