



Appendices 1 and 2



14th Annual Report

2017

National Joint Registry for England, Wales, Northern Ireland and the Isle of Man

Surgical data to 31 December 2016

Appendix 1 NJR Steering Committee Membership and Declarations of interest April 2016 to March 2017

A1.1 NJR Steering Committee - Composition

As an NHS England Committee of Experts, the composition of the NJR Steering Committee (NJRSC) by category of representative is:

Chairman	1
Medical Director/Vice Chairman	1
Orthopaedic surgeon	3
Patient/patient organisation	2
Implant manufacturer/supplier industry	2
Public health/epidemiology	1
NHS Trust management	1
Independent healthcare provider	1
Practitioner with special interest in orthopaedic care who is a GP, nurse or allied health professional (physiotherapist or occupational therapist)	1



A1.2 Membership from April 2016

Members are appointed as posts become vacant.

Nama	Deletermentative	
Name	Role/representative	
Laurel Powers-Freeling	Chairman (from April 2011)	
Martyn Porter	Medical Director and Vice Chairman (from February 2014)	
Gillian Coward	Patient representative member (from October 2015)	
Michael Green	Orthopaedic implant supplier member (from November 2013)	
Peter Howard	Orthopaedic surgeon member (from May 2014)	
Rob Hurd	NHS Trust management representative member (from May 2014)	
David Macdonald	Independent healthcare sector representative member (from April 2016)	
Sue Musson	Patient representative member (from October 2011)	
Amar Rangan	Orthopaedic surgeon member (from June 2015)	
Mark Wilkinson	Public health and epidemiology member (from February 2014)	
Nicholas Wishart	Orthopaedic implant supplier member (from November 2013)	
Post vacant	Practitioner with Special Interest in Orthopaedics	
Post vacant	Orthopaedic Surgeon	
Co-opted membership from April 2	2016	
Timothy Wilton (September 2015 – September 2016)		
lan Winson (September 2016 – September 2017)	President, British Orthopaedic Association	
Tim Briggs	National Director for Clinical Quality and Efficiency, NHS Improvement	
Hussain Kazi	Orthopaedic surgeon	
Matthew Porteous	Chairman, NJR Regional Clinical Coordinators	
Khalid Razak	The Medicines and Healthcare products Regulatory Agency (MHRA)	
Robin Rice	Welsh Government representative	
Andy Smallwood	Head of Strategic Sourcing at NHS Wales	



A1.3 Observers/attendees from April 2016

The following have regularly attended NJR Steering Committee meetings as observers:

Name	Role/representative
Elaine Young	NJR Director of Operations
Carolina Arevalo	NJR Associate Director - Contracts and Operations
Eve Riley	NJR Associate Director - Research and Governance
James Ludley	NJR senior communications officer, HQIP (NJR contractor)
Jane Ingham	CEO, HQIP
Representatives	Northgate Public Services (NJR Data management, solutions and associated services contractor)
Representatives	University of Bristol (NJR Statistical analysis, support and associated services contractor)

A1.4 Members' declarations of interest

Name	
Laurel Powers-Freeling	No interests to declare
Martyn Porter	Consultant orthopaedic surgeon, Wrightington, Wigan and Leigh NHS Trust (orthopaedic unit has received financial support from DePuy International for clinical and RSA studies for Elite Plus femoral stem and C-Stem) Has acted as a consultant to DePuy International in relation to the development of a hip femoral stem (C-Stem AMT) and received royalties on this hip stem
Gillian Coward	No interests to declare
Michael Green	Employed by Stryker UK, manufacturer of orthopaedic implants (until March 2016) Committee member of Arthritis Research USER Stakeholder Committee Committee Member of ABHI Orthopaedics Special Interest Section
Peter Howard	Occasional honararia for presenting/lecturing at meetings: UK Thromboprophylaxis forum (x3), Smith & Nephew (x1) and Ceramtec (x1)
Rob Hurd	Chief Executive, Royal National Orthopaedic Hospital Director of Gubis Media Ltd Senior Responsible Officer, NHS Improvement / Department of Health clinically led efficiency programme - Getting It Right First Time - from 2014
David Mcdonald	Part-time Assistant Medical Director and Shareholder, Spire Healthcare
Sue Musson	Managing Director, Firecracker Projects Limited (supplying management consultancy to NHS organisations) Chair, Southport and Ormskirk Hospital NHS Trust (until 30 November 2016) Chair, Lancashire Teaching Hospitals NHS Foundation Trust from January 2017 – current
Amar Rangan	Previously received license free from JRI Ltd for a UK patent application Current institution James Cook University Hospital, receives educational grants from De Puy Ltd



Mark Wilkinson	Professor of orthopaedics, University of Sheffield		
	Honorary Consultant orthopaedic surgeon, Sheffield Teaching Hospitals NHS Foundation Trust		
	Current institutional (UoS) research funding received from Amgen Inc.		
Nicholas Wishart	Director of Adler Ortho LIK Ltd Director of Liltra Medica Ltd		

Appendix 2 NJR Steering Committee and Sub-committee composition and attendance April 2016 to March 2017

A2.1 NJR Steering Committee: Composition and attendance

Members are appointed as posts become vacant.

Name	Role/representative	Meetings attended (of four)
Laurel Powers-Freeling	Chairman	3
Martyn Porter	Medical Director and Vice Chairman	3
Peter Howard	Orthopaedic surgeon member	4
Amar Rangan	Orthopaedic surgeon member	2
Gillian Coward	Patient representative member	3
Sue Musson	Patient representative member	1
David Macdonald	Independent healthcare sector representative member	2
Mark Wilkinson	Public health and epidemiology member	4
Nicholas Wishart	Orthopaedic implant supplier member	4
Michael Green	Orthopaedic implant supplier member	3
Rob Hurd	NHS Trust management representative member	4
Post vacant	Practitioner with special interest in Orthopaedics	/
Post vacant	Orthopaedic Surgeon	/
Co-opted members		
Timothy Wilton (September 2015 – September 2016)	Descident Deitick Orthonocodic Accociation*	4
lan Winson (September 2016 – September 2017)	President, British Orthopaedic Association*	4
Tim Briggs	National Director for Clinical Quality and Efficiency, NHS Improvement	1
Hussain Kazi	Orthopaedic surgeon	2
Matthew Porteous	Chairman, NJR Regional Clinical Coordinators	3
Khalid Razak	The Medicines and Healthcare products Regulatory Agency (MHRA)	4
Robin Rice	Welsh Government representative	2
Andy Smallwood	Head of Strategic Sourcing at NHS Wales	3

^{*}One or more of the named representatives attended each meeting





A2.2 NJR Executive Committee: Composition and attendance

The core membership meetings occur every month, members of the extended committee join every other month.

Name	Core membership (meet monthly) Role/representative
Laurel Powers-Freeling	NJRSC Chairman
Martyn Porter	NJRSC Medical Director and Vice Chairman
Elaine Young	NJR Director of Operations, HQIP

Name	Extended membership, as business requires (every other month) Role/representative
Laurel Powers-Freeling	NJRSC Chairman
Martyn Porter	NJR Medical Director and Vice Chairman NJR Medical Advisory Committee Chairman, NJR Editorial Board Chairman and NJR Data Quality Strategy Group Chairman
Peter Howard	NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman
Matthew Porteous	NJR Regional Clinical Coordinator Sub-committee Chairman
Mark Wilkinson	NJRSC Public health and epidemiology member NJR Research Sub-committee Chairman
Elaine Young	NJR Director of Operations
Carolina Arevalo	NJR Associate Director of Operations and Contracts
Eve Riley	NJR Associate Director of Research and Governance
Lot 1 contract representative(s)	Northgate Public Services (NJR Data management, solutions and associated services contractor)
Lot 2 contract representative(s)	University of Bristol (NJR Statistical analysis, support and associated services contractor)
Lot 3 contract representative(s)	NJR senior communications officer, HQIP (NJR contractors)

A2.3 NJR Medical Advisory Committee: Composition and attendance

Name	Role/representative	Meetings attended (of four)
	Committee Chairman	
Mr Martyn Porter	NJRSC Medical Director and Vice Chairman	4
Will Walty III of Col	NJR Editorial Board Chairman and NJR Data Quality Strategy Group Chairman	·
Professor Tim Briggs	National Director for Clinical Quality and Efficiency, GIRFT	4
Sue Musson	NJRSC Patient representative member representative	0
	NJRSC Orthopaedic surgeon member	
Mr Peter Howard	NJR Surgeon Outlier, Implant Scrutiny, and Implant Performance Sub-committees, Chairman	4
Mr Timothy Wilton (September 2015 – September 2016)		
Mr Ian Winson (September 2016 – September 2017)	British Orthopaedic Association President*	3
Mike Kimmons	British Orthopaedic Association	4
Julia Trusler	British Orthopaedic Association	4
Mr Mike Thomas (from June 2015)	British Elbow and Shoulder Society President*	4
Mr Fares Haddad (President 2015-16)	Drition Llin Conjety Dropidant*	4
Mr Peter Howard (President 2016-17)	British Hip Society President*	4
Mr Colin Esler (President 2016-17)	British Association for Surgery of the Knee President	3
Mr Matthew Porteous	NJR Regional Clinical Coordinator (RCC) Sub-committee, Chairman	4
Mr Andy Goldberg	Pritish Orthopoodia Foot and Apkla Society representatives*	4
Mr Bill Harris	British Orthopaedic Foot and Ankle Society representatives*	4
Professor Mark Wilkinson	NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman	2
David Macdonald	NJRSC Independent healthcare sector representative member	3
Elaine Young	NJR Director of Operations	3
Dr Carolina Arevalo	NJR Associate Director - Contracts and Operations	2

^{*}One or more of the named representatives attended each meeting

Please note: Professor Peter Kay, National Clinical Director, Musculoskeletal Services, NHS England, receives all committee papers and is open to attend MAC for any agenda items being discussed



A2.4 Editorial Board: Composition and attendance

Committee Chairman NJRSC Medical Director and Vice Chairman NJR Medical Advisory Committee Chairman and NJR Data Quality Strategy Group Chairman Professor Ashley Blom Dr Emma Clarke Dr Linda Hunt Adrian Sayers Sofia Mouchti Mr Michael Whitehouse Professor Andrew Price (University of Oxford) Mr Colin Esler British Association for Surgery of the Knee President Olivia Forsyth Victoria McCormack Dr Claire Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative 1 NJRSC Orthopaedic surgeon member NJRSC Orthopaedic surgeon member NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 4 NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 4 NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member A NJRSC Orthopaedic implant supplier member A NJRSC Orthopaedic implant supplier member A NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJR Research Corporations, HQIP Dr Carolina Arevalo NJR Research Corporations, HQIP NJR Research Corporations 1 NJR Resear	Name	Role/representative	Meetings attended (of five)
Professor Ashley Blom Dr Emma Clarke Dr Linda Hunt Adrian Sayers Sofia Mouchti Mr Michael Whitehouse Professor Andrew Price (University of Drison) Wr Colin Ester Dr Linda Hunt Adrian Mayers British Association for Surgery of the Knee President Victoria McCommack Dr Claire Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative Mr Michael Green Mr Peter Howard Mr Peter Howard Professor Jonathan Rees Professor Jonathan Rees Professor Jonathan Rese Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member Sub-committees, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier presentative NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic (2016-17) British Elbow and Shoulder Society representative NJRSC Orthopaedic (2016-17) British Elbow and Shoulder Society representative NJRSC Orthopaedic (2016-17) British Elbow and Shoulder Society representative NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member August 2 Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member		Committee Chairman	
NJR Medical Advisory Committee Chairman and NJR Data Quality Strategy Group Chairman Professor Ashley Blom Dr Emma Clarke Dr Linda Hunt Adrian Sayers Sofia Mouchti Mr Michael Whitehouse Professor Andrew Price (University of Oxford) Mr Colin Esler Dr Linda McCormack Dr Claire Newell Dr Linda McCormack Dr Claire Newell Dr Linda McCormack Dr Claire Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative Mr Andy Goldberg Mr Peter Howard Mr Peter Howard Dr Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative NJRSC Orthopaedic Surgeon member NJRSC Orthopaedic Surgeon member Mr Peter Howard NJRSC Orthopaedic Surgeon member NJRSC Orthopaedic Society representative NJRSC Orthopaedic Society representative NJRSC Orthopaedic Society representative NJRSC Orthopaedic Myllicinson NJR Peter NJR Research NJRSC Orthopaedic Myllicinson NJR Peter NJR Research NJRSC Orthopaedic Implant supplier member All Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member All Sub-committee, Chairman NJRSC Orthopaedic Director - Contracts and Operations All Sub-committee All Sub-committees, Chairman	Mr Martvn Porter	NJRSC Medical Director and Vice Chairman	5
Dr Emma Clarke Dr Linda Hunt Adrian Sayers Sofia Mouchti Mr Michael Whitehouse Professor Andrew Price (University of Oxford) Mr Colin Esler Olivia Forsyth Victoria McCormack Dr Alarie Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg Michael Green Mr Peter Howard Mr Peter Howard Professor Jonathan Rees British Elbow and Shoulder Society representative NJRSC Orthopaedic Society President (2016-17) Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 4 NJRSC Pothopaedic Society representative NJRSC Pothopaedic Society representative NJRSC Pothopaedic Society representative NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 4 NJRSC Orthopaedic implant supplier member 4 NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Public health and epidemiology member NJRSC Public health and epidemiology member AURSC Orthopaedic implant supplier member 4 NJRSC Orthopaedic implant supplier member 4 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member AURSC Orthopaedic implant supplier member	,		
Dr Linda Hunt Adrian Sayers Sofia Mouchti Mr Michael Whitehouse Professor Andrew Price (University of Oxford) Mr Colin Esler Olivia Forsyth Victoria McCormack Dr Claire Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg Michael Green Mr Peter Howard Mr Peter Howard Professor Jonathan Rees British Elbow and Shoulder Society representative NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 4 NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 4 NJRSC Orthopaedic 2016-17) Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 4 NJRSC Orthopaedic 2016-17) Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 4 NJRSC Orthopaedic implant supplier member AURSC Orthopaedic implant supplier member AURSC Orthopaedic implant supplier member AURSC Orthopaedic implant supplier member 4 NJRSC Orthopaedic implant supplier member AURSC Orthopaedic implant supplier member	Professor Ashley Blom		
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Sofia Mouchti Mr Michael Whitehouse Professor Andrew Price (University of Oxford) Mr Colin Esler Dilivia Forsyth Victoria McCormack Professor Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg Mr Andy Goldberg Mr Peter Howard Mr Peter Howard Professor Jonathan Rees British Elbow and Shoulder Society representative British Hip Society President (2016-17) Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member A NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member A NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member A NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member A NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member A NJRSC Orthopaedic implant supplier member	Dr Linda Hunt		
Sofia Mouchti Mr Michael Whitehouse Professor Andrew Price (University of Oxford) Mr Colin Esler Olivia Forsyth Victoria McCormack Dr Claire Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative Mr Peter Howard Mr Peter Howard Professor Jonathan Rees British Elbow and Shoulder Society representative British Hip Society President (2016-17) Professor Mark Wilkinson NJRSC Orthopaedic Society representative Siritish Elbow and Shoulder Society representative NJRSC President (2016-17) Professor Mark Wilkinson NJRSC Orthopaedic Society representative Siritish Hip Society President (2016-17) Professor Mark Wilkinson NJRSC Orthopaedic Society representative Siritish Elbow and Shoulder Society representative Siritish Elbow and Shoulder Society representative Sub-committee, Chairman NJRSC Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member 4 Performance Sub-committee, Chairman NJRSC Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member 4 Performance Sub-committee, Chairman NJRSC Professor Mark Wilkinson NJRSC Orthopaedic implant supplier member 4 Performance Sub-committee, Chairman NJRSC Orthopaedic implant supplier member ANJRSC Orthopaedic implant supplier member	Adrian Sayers		5
Professor Andrew Price (University of Oxford) Mr Colin Esler British Association for Surgery of the Knee President 5 Olivia Forsyth Victoria McCormack Dr Claire Newell Representatives, Northgate Public Services (NJR Data management, support and associated services contractor)* Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative 1 Michael Green NJRSC Orthopaedic implant supplier member 2 NJRSC Orthopaedic surgeon member Mr Peter Howard NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP 4 Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1	Sofia Mouchti	and associated services contractor)*	
Mr Colin Esler British Association for Surgery of the Knee President 5 Olivia Forsyth Victoria McCormack Dr Claire Newell Representatives, Northgate Public Services (NJR Data management, support and associated services contractor)* Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative 1 Michael Green NJRSC Orthopaedic implant supplier member 2 NJRSC Orthopaedic surgeon member Mr Peter Howard NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP 4 Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1	Mr Michael Whitehouse		
Olivia Forsyth Victoria McCormack Dr Claire Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative NJRSC Orthopaedic implant supplier member NJRSC Orthopaedic surgeon member Mr Peter Howard NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Associate Director – Contracts and Operations 1			
Victoria McCormack Dr Claire Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman NJRSC Orthopaedic implant supplier member 2 Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP NJR Associate Director – Contracts and Operations 1	Mr Colin Esler	British Association for Surgery of the Knee President	5
Dr Claire Newell Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative 1 Michael Green NJRSC Orthopaedic implant supplier member NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP NJR Associate Director – Contracts and Operations	Olivia Forsyth		
Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative 1 Michael Green NJRSC Orthopaedic implant supplier member NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP Dr Carolina Arevalo NJR Associate Director – Contracts and Operations	Victoria McCormack		
Dr Martin Pickford Mike Swanson Mr Andy Goldberg British Orthopaedic Foot and Ankle Society representative 1 Michael Green NJRSC Orthopaedic implant supplier member 2 NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP 4 Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1	Dr Claire Newell		5
Mr Andy GoldbergBritish Orthopaedic Foot and Ankle Society representative1Michael GreenNJRSC Orthopaedic implant supplier member2NJRSC Orthopaedic surgeon memberNJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman2British Hip Society President (2016-17)2Professor Jonathan ReesBritish Elbow and Shoulder Society representative5Professor Mark WilkinsonNJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman4Nicholas WishartNJRSC Orthopaedic implant supplier member4Elaine YoungNJR Director of Operations, HQIP4Dr Carolina ArevaloNJR Associate Director – Contracts and Operations1	Dr Martin Pickford		
Michael Green NJRSC Orthopaedic implant supplier member NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP Dr Carolina Arevalo NJR Associate Director – Contracts and Operations	Mike Swanson		
NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP Dr Carolina Arevalo NJR Associate Director – Contracts and Operations	Mr Andy Goldberg	British Orthopaedic Foot and Ankle Society representative	1
Mr Peter Howard NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-committees, Chairman British Hip Society President (2016-17) Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1	Michael Green	NJRSC Orthopaedic implant supplier member	2
Professor Jonathan Rees British Elbow and Shoulder Society representative 5 Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1	Mr Peter Howard	NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant	
Professor Mark Wilkinson NJRSC Public health and epidemiology member, and NJR Research Sub-committee, Chairman Nicholas Wishart NJRSC Orthopaedic implant supplier member 4 Elaine Young NJR Director of Operations, HQIP Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1		British Hip Society President (2016-17)	
Nicholas Wishart NJRSC Orthopaedic implant supplier member Elaine Young NJR Director of Operations, HQIP Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1	Professor Jonathan Rees	British Elbow and Shoulder Society representative	5
Elaine Young NJR Director of Operations, HQIP 4 Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1	Professor Mark Wilkinson		4
Dr Carolina Arevalo NJR Associate Director – Contracts and Operations 1	Nicholas Wishart	NJRSC Orthopaedic implant supplier member	4
	Elaine Young	NJR Director of Operations, HQIP	4
Iamos Ludlov N.I.P. conjor communications officer, HOID (N.I.P. contractor)	Dr Carolina Arevalo	NJR Associate Director – Contracts and Operations	1
oames Luciey Non Senior Communications Officer, Figure (Non Contractor)	James Ludley	NJR senior communications officer, HQIP (NJR contractor)	5

^{*}One or more of the named representatives attended each meeting

A2.5 Implant Scrutiny and Performance Sub-committees: Composition and attendance

Name	Role/representative	Implant Performance Sub- committee Meetings attended (of one)	Implant Scrutiny Group Meetings attended (of three)
	Committee Chairman		
Mr Peter Howard	NJRSC Orthopaedic surgeon member	1	3
	NJR Surgeon Outlier Sub-committee Chairman		
Michael Green	NJRSC Orthopaedic implant supplier member	1	Not a member
Dr Linda Hunt			
Dr Michèle Smith	Representatives, University of Bristol (NJR Statistical analysis, support and associated services contractor)*	1	3
Mr Michael Whitehouse	analysis, capper and accordance con need out in actory		
Michelle Kelly			
Khalid Razak	Representatives, MHRA*	1	3
Salma Husain			
Dr Claire Newell	Representatives, Northgate Public Services		
Dr Martin Pickford	(NJR Data management, support and associated	1	3
Edward Caton	services contractor)*		
	NJRSC Medical Director and Vice Chairman		
Mr Martyn Porter	NJR Medical Advisory Committee Chairman, NJR Editorial Board Chairman and Data Quality Strategy Group Chairman	1	3
Andy Smallwood	Head of Strategic Sourcing at NHS Wales	1	1
Mr Keith Tucker	Representative, ODEP/Beyond Compliance	1	3
Nicholas Wishart	NJRSC Orthopaedic implant supplier member	0	Not a member
Elaine Young	NJR Director of Operations, HQIP	1	2
Jonathan Rees	British Elbow and Shoulder Society representative	1	2
Dr Carolina Arevalo	NJR Associate Director – Contracts and Operations	1	2
Matthew Porteous	NJR Regional Clinical Coordinator Sub-committee Chairman	1	1

^{*}One or more of the named representatives attended each meeting



A2.6 Surgeon Outliers Sub-committee: Composition and attendance

Name	Role/representative	Meetings attended (of three)
	Committee Chairman	
Mr Peter Howard	NJRSC Orthopaedic surgeon	3
	NJR Implant Scrutiny and Implant Performance Sub-committees Chairman	
Olivia Forsyth		
Dr Claire Newell	Representatives, Northgate Public Services (NJR Data	3
Mike Swanson	management, support and associated services contractor)*	S
Edward Caton		
Dr Linda Hunt		
Professor Ashley Blom	Representatives, University of Bristol (NJR Statistical analysis,	3
Adrian Sayers	support and associated services contractor)*	3
Mr Michael Whitehouse		
Mr Matthew Porteous	NJR Regional Clinical Coordinator Sub-committee Chairman	3
	NJRSC Medical Director and Vice Chairman	
Mr Martyn Porter	NJR Medical Advisory Committee Chairman, NJR Editorial Board Chairman and Data Quality Strategy Group Chairman	2
Elaine Young	NJR Director of Operations, HQIP	3
Dr Carolina Arevalo	NJR Associate Director – Contracts and Operations	2
Rob Hurd	NHS Trust management representative member	0

^{*}One or more of the named representatives attended each meeting

A2.7 Research Sub-committee: Composition and attendance

Name	Role/representative	Meetings attended (of four)
Professor Mark Wilkinson	Committee Chairman	4
	NJRSC Public Health and Epidemiology representative	4
Gillian Coward	NJRSC Patient representative member*	4
Sue Musson		
Mr Peter Howard	NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant	0
	Performance Sub-committees, Chairman	
Professor Alex MacGregor	Co-opted member (past Chair)	3
Professor James Mason	Co-opted member (Health Economist)	4

Dr Claire Newell		
Dr Martin Pickford	Representatives, Northgate Public Services (NJR Data management, support and associated services contractor)*	4
Mike Swanson	capport and accommod controls of master,	
Mr Martyn Porter	NJRSC Medical Director and Vice Chairman NJR Medical Advisory Committee Chairman, NJR Editorial Board Chairman and NJR Data Quality Strategy Group Chairman	2
Professor Andrew Price	NJRSC Orthopaedic surgeon	2
Professor Amar Rangan	NJRSC Orthopaedic surgeon, (from September 2015)	2
Eve Riley	Associate Director of Research and Governance, HQIP	3
Dr Simon Sinclair	Engineer/Orthopaedic implant suppliers representative	0
Professor Yoav Ben-Shlomo	Representatives, University of Bristol (NJR Statistical analysis, support and associated services contractor)*	3
Professor Jonathan Tobias		
Elaine Young	NJR Director of Operations, HQIP	2
Dr Carolina Arevalo	NJR Associate Director – Contracts and Operations	2
David Macdonald	NJRSC Independent healthcare sector representative member	1

^{*}One or more of the named representatives attended each meeting

Research Sub-comittee - Expert panel

The RSC has recently established an expert panel. The purpose of this group is to advise the RSC on an ad hoc basis for relevant, highly specific research application queries. The expert panel currently comprises:

Panel m	nember	Area of expertise
Dr Jona	athan Jeffers	Mechanical engineering
Mr And	ly Goldberg	Foot and ankle surgery

A2.8 Regional Clinical Coordinator Sub-committee: Composition and attendance

Name	Role/representative	Meetings attended (of four)*
Mr Matthew Porteous	Committee Chairman	4
Mr Colin Esler	Vice Chairman, East Midlands (to Dec 2016)	2
Mr James Wimhurst	East of England	2
Mr Joel Melton	East of England (from 2016)	4
Gary Mundy	East Midlands (from 2017)	1
Mr Alistair Jepson	East Midlands (from 2016)	4
Mr Vipul Patel	London (from 2016)	2
Mr Gareth Scott	London (to Dec 2016)	2



Sanjay Sinha	London (from 2017)	1
Sebastian Dawson-Bowling	London (from 2017)	1
Mr Jaime Candal-Couto	North East (from 2016)	3
Mr Stephen Green	North East (from 2016)	3
Mr David Bamford	North West (shared position to Dec 2015)	3
Mr Michael O'Connor	North West (shared position to Bee 2010)	
Mr Derek Pegg	North West	4
Mr Adam Watts	North West (from 2016)	3
Mr John Britton	South Central (to Dec 2016)	1
Grant Shaw	South Central (from 2017)	1
Mr William Tice	South Central (from 2016)	2
Mr Hagen Jähnich	South East Coast	3
Mr Sunil Jain	South East Coast (from 2016)	4
Mr Evert Smith	South West (to Dec 2016)	1
Ben Bolland	South West (from 2017)	1
Mr Matthew Wilson	South West (to Dec 2016)	1
Jon Mutimer	South West (from 2017)	1
Mr Ian Dos Remédios	West Midlands (to Dec 2016)	2
Mr David Dunlop	West Midlands	2
Mr Howard Davies	Yorkshire and Humber (from 2016)	0
Mr Ian Stockley	Yorkshire and Humber (to Dec 2016)	0
Mr Muthu Ganapathi	North Wales	2
Mr David Woodnutt	Mid and West Wales (to Dec 2016)	2
Peter Cnudde	Mid and West Wales (from 2017)	1
Mr Alun John	South and East Wales	2
Olivia Forsyth		
Carol Harrison		
Dr Claire Newell	Representatives, Northgate Public Services (NJR Data management, support and associated services contractor)**	4
Mike Swanson	management, support and associated services contractor)	
Inez Dunn		
Mr Martyn Porter	NJR Medical Director and Vice Chairman, NJRSC	2
Elaine Young	NJR Director of Operations, HQIP	4
James Ludley	NJR senior communications officer, HQIP (NJR contractor)	4

^{*}Due to start and/ or end date of members' RCC role, some members may not have been in post throughout the whole reporting period and a lower attendance rate may be reflective of this.



^{**}One or more of the named representatives attended each meeting

A2.9 Data Quality Sub-committee: Composition and attendance

Name	Role/representative	Meetings attended (of four)
	Committee Chairman	
Mr Martyn Porter	NJRSC Medical Director and Vice Chairman	4
	NJR Medical Advisory Committee Chairman and Editorial Board Chairman	
Rob Hurd	NJRSC NHS Trust management representative member	2
Inez Dunn		
Olivia Forsyth	Representatives, Northgate Public Services (NJR Data management, support and associated services contractor)*	4
Carol Harrison		
Dr Claire Newell		
Maggie Tate		
Mr Colin Esler	NJR Regional Clinical Coordinator Sub-committee Vice Chairman	2
Professor Paul Gregg	NJRSC Past Vice Chairman	3
Mr Peter Howard	NJRSC Orthopaedic surgeon member NJR Surgeon Outliers, NJR Implant Scrutiny, and NJR Implant Performance Sub-	1
	committees, Chairman	
Mike Kimmons	British Orthopaedic Association	2
Julia Trusler	Billion Offropaedic Association	2
Mr Fares Haddad	British Hip Society	4
Mr John Nolan	Billion in a cociety	7
Mr Matthew Porteous	NJR Regional Clinical Coordinator Sub-committee Chairman	3
Adrian Sayers	University of Bristol (NJR Statistical analysis, support and associated services	
Dr Andy Judge (University of Oxford)	contractor)	4
Mr Mike Thomas	British Elbow and Shoulder Society	1
Mr David Woodnutt	Orthopaedic Surgeon, NJR Regional Clinical Coordinator Sub-committee, Mid and West Wales	4
Elaine Young	NJR Director of Operations, HQIP	4
Dr Carolina Arevalo	NJR Associate Director – Contracts and Operations	2
James Ludley	NJR senior communications officer, HQIP (NJR contractor)	4

^{*}One or more of the named representatives attended each meeting

