## <u>Survey risk of revision due to infection in men and women</u> Thank you for helping with this research to examine whether the risk of revision due to infection

Thank you for helping with this research to examine whether the risk of revision due to infection is higher for men than women. We will focus on revisions of primary arthroplasties placed for osteoarthritis. The survey we ask you to fill in, consists of a few general questions and 4 parts of specific questions about groups of prostheses. For each group broadly similar questions are asked, they will only need to be answered if the data is available. The question will specify what data is required and how it should be provided.

		Question	Answer
	1	Please provide the full name of your registry.	
	2	Please provide the URL of your registry website.	
	3	Can you give any information about the completeness of your registry? For instance, an article or percentages.	

4	Havo	you recorded details of revision rates	If not, proceed to question 5
		•	· 1 1
	for osteoarthritis?		If yes, proceed to question 4.1
4 1			
4.1		is the mean age of all primary hip	
		plasties for osteoarthritis in your	
	registi	•	
		ide mean age and standard deviation)	
4.2		is the gender distribution of all primary	
	-	throplasties for osteoarthritis in your	
	regist	•	
		ide in numbers with percentage)	
4.3	What	is the start of data collection?	
4.4	Do yo	ou have data on revision rate due to	If not, proceed to question 4.5
	infect	ion of primary hip arthroplasties for	If yes, proceed to question 4.4.1
	osteoa	arthritis at 1 year?	
	4.4.1	What is the hazard ratio of revision	
		due to infection for men compared to	
		women?	
		(Provide a hazard ratio with standard	
		error. Also provide #men and	
		#women of which the follow-up of 1	
		year is complete.)	
	4.4.2	What is the hazard ratio of revision	BMI
		due to infection for men compared to	
		women, adjusted for:	
		- BMI	Age
		- Age	8-
		- ASA score (I, II, III, IV)	
		- Type of fixation (cemented or	ASA score
		non-cemented)	210/1 500/0
		non-cementeu)	

4.5	D	<ul> <li>Type of prosthesis         <ul> <li>(hemiarthroplasty, total hip arthroplasty or resurfacing arthroplasty)</li> <li>The above combined (add which you've included)</li> </ul> </li> <li>(Provide a hazard ratio with standard error)</li> </ul>	Type of fixation Type of prosthesis Combined
ч.,	infecti	w have data on revision rate due to ion of primary hip arthroplasties for arthritis at 5 years? What is the risk of revision due to infection for men compared to women? (Provide a hazard ratio with standard error. Also provide #men and	If not, proceed to question 4.6 If yes, proceed to question 4.5.1
	4.5.2	<ul> <li>#women of which the follow-up of 5 years is complete.)</li> <li>What is the hazard ratio of revision due to infection for men compared to women, adjusted for: <ul> <li>BMI</li> <li>Age</li> <li>ASA score (I, II, III, IV)</li> <li>Type of fixation (cemented or</li> </ul> </li> </ul>	BMI Age ASA score
		<ul> <li>non-cemented)</li> <li>Type of prosthesis (hemiarthroplasty, total hip arthroplasty or resurfacing arthroplasty)</li> <li>The above combined (add which you've included)</li> </ul>	<i>Type of fixation</i> <i>Type of prosthesis</i>
4.6	infecti	(Provide a hazard ratio with standard error) ou have data on revision rate due to ion of primary hip arthroplasties for	Combined If not, proceed to question 5 If yes, proceed to question 4.6.1
	osteoa 4.6.1	what is the risk of revision due to infection for men compared to women? (Provide a hazard ratio with standard error. Also provide #men and #women of which the follow-up of 10 years is complete.)	

	4.6.2	What is the hazard ratio of revision	BMI
		due to infection for men compared to women, adjusted for:	
		- BMI	Age
		<ul> <li>Age</li> <li>ASA score (I, II, III, IV)</li> </ul>	
		<ul> <li>Type of fixation (cemented or non-cemented)</li> </ul>	ASA score
		- Type of prosthesis	
		(hemiarthroplasty, total hip arthroplasty or resurfacing arthroplasty)	Type of fixation
		<ul> <li>The above combined (add which you've included)</li> </ul>	Type of prosthesis
		(Provide a hazard ratio with standard error)	Combined

5	Have	you recorded details of revision rates	If not, proceed to question 6
	due to	infection in primary knee arthroplasty	If yes, proceed to question 5.1
	for os	teoarthritis?	
5.1	What	is the mean age of all primary knee	
	arthro	plasties for osteoarthritis in your	
	registi		
	(provi	de mean age and standard deviation)	
5.2		is the gender distribution of all primary	
	knee a	arthroplasties for osteoarthritis in your	
	registi	-	
	(provi	de in numbers with percentage)	
5.3			
5.4	Do you have data on revision rate due to		If not, proceed to question 5.5
	infecti	ion of primary knee arthroplasties for	If yes, proceed to question 5.4.1
	osteoa	urthritis at 1 year?	
	5.4.1	What is the risk of revision due to	
		infection for men compared to	
		women?	
		(Provide a hazard ratio with standard	
		error. Also provide #men and	
		#women of which the follow-up of 1	
		year is complete.)	
	5.4.2	What is the hazard ratio of revision	BMI
		due to infection for men compared to	
		women, adjusted for:	
		- BMI	Age
		- Age	
		- ASA score (I, II, III, IV)	

		<ul> <li>Type of fixation (cemented or non-cemented)</li> <li>Type of prosthesis (Total arthroplasty or hemiarthroplasty)</li> <li>The above combined (add which you've included)</li> <li>(Provide a hazard ratio with standard error)</li> </ul>	ASA score Type of fixation Type of prosthesis Combined
5.5	infecti	u have data on revision rate due to on of primary knee arthroplasties for rthritis at 5 years? What is the risk of revision due to infection for men compared to	If not, proceed to question 5.6 If yes, proceed to question 5.5.1
		women? (Provide a hazard ratio with standard error. Also provide #men and #women of which the follow-up of 5 years is complete.)	
	5.5.2	What is the hazard ratio of revision due to infection for men compared to women, adjusted for: - BMI	BMI Age
		<ul> <li>Age</li> <li>ASA score (I, II, III, IV)</li> <li>Type of fixation (cemented or</li> </ul>	ASA score
		non-cemented) - Type of prosthesis (Total arthroplasty or hemiarthroplasty)	Type of fixation
		<ul> <li>The above combined (add which you've included)</li> </ul>	Type of prosthesis
		(Provide a hazard ratio with standard error)	Combined
5.6	infecti osteoa	u have data on revision rate due to on of primary knee arthroplasties for rthritis at 10 years?	If not, proceed to question 6 If yes, proceed to question 5.6.1
	5.6.1	What is the risk of revision due to infection for men compared to women? (Provide a hazard ratio with standard error. Also provide #men and	

5.6.2	<ul> <li>#women of which the follow-up of 10 years is complete.)</li> <li>What is the hazard ratio of revision due to infection for men compared to women, adjusted for:</li> </ul>	BMI
	<ul> <li>BMI</li> <li>Age</li> <li>ASA score (I, II, III, IV)</li> <li>Type of fixation (cemented or non-cemented)</li> <li>Type of prosthesis (Total</li> </ul>	Age ASA score
	arthroplasty or hemiarthroplasty) - The above combined (add which you've included) (Provide a hazard ratio with standard	<i>Type of fixation</i> <i>Type of prosthesis</i>
	(Froviae a nazara ratio with sianaara error)	Combined

	6	due to	you recorded details of revision rates infection in primary shoulder	If not, proceed to question 7 If yes, proceed to question 6.1
			plasty for osteoarthritis?	
	6.1		is the mean age of all primary shoulder	
		arthro	plasties for osteoarthritis in your	
		regist	ry?	
		(provi	ide mean age and standard deviation)	
	6.2	What	is the gender distribution of all primary	
		should	der arthroplasties for osteoarthritis in	
			registry?	
		-	ide in numbers with percentage)	
	6.3 What is the start of data collection?			
			ou have data on revision rate due to	If not, proceed to question 6.5
			ion of primary shoulder arthroplasties	If yes, proceed to question 6.4.1
			teoarthritis at 1 year?	
		6.4.1	What is the risk of revision due to	
			infection for men compared to	
			women?	
			(Provide a hazard ratio with standard	
			error. Also provide #men and	
			#women of which the follow-up of 1	
			year is complete.)	
		6.4.2	What is the hazard ratio of revision	BMI
			due to infection for men compared to	
			women, adjusted for:	
			- BMI	Age
			- Age	<i>1180</i>
			C C	
			<ul> <li>ASA score (I, II, III, IV)</li> </ul>	

	`	<ul> <li>Type of fixation (cemented or non-cemented)</li> <li>Type of prosthesis (Reversed arthroplasty, total anatomical arthroplasty or hemiarthroplasty)</li> <li>The above combined (add which you've included)</li> </ul>	ASA score Type of fixation Type of prosthesis Combined
6.5	infection for ostec 6.5.1 V in w (A e #	have data on revision rate due to n of primary shoulder arthroplasties parthritis at 5 years? What is the risk of revision due to nfection for men compared to women? Provide a hazard ratio with standard error. Also provide #men and twomen of which the follow-up of 5 pears is complete.)	If not, proceed to question 6.6 If yes, proceed to question 6.5.1
	6.5.2 V d	<ul> <li>What is the hazard ratio of revision</li> <li>lue to infection for men compared to</li> <li>vomen, adjusted for: <ul> <li>BMI</li> <li>Age</li> <li>ASA score (I, II, III, IV)</li> <li>Type of fixation (cemented or non-cemented)</li> <li>Type of prosthesis (Reversed</li> </ul> </li> </ul>	BMI Age ASA score
	`	arthroplasty, total anatomical arthroplasty or hemiarthroplasty) - The above combined (add which you've included) Provide a hazard ratio with standard	Type of fixation Type of prosthesis Combined
6.6	Do you I infection for ostec 6.6.1 V in w (A	have data on revision rate due to n of primary shoulder arthroplasties parthritis at 10 years? What is the risk of revision due to nfection for men compared to women? Provide a hazard ratio with standard error. Also provide #men and	If not, proceed to question 7 If yes, proceed to question 6.6.1

<b>C</b>	-	-		
			#women of which the follow-up of 10	
			years is complete.)	
		6.6.2	What is the hazard ratio of revision	BMI
			due to infection for men compared to	
			women, adjusted for:	
			- BMI	Age
			- Age	
			- ASA score (I, II, III, IV)	
			<ul> <li>Type of fixation (cemented or</li> </ul>	ASA score
			non-cemented)	
			- Type of prosthesis (Reversed	
			arthroplasty, total anatomical	Type of fixation
			arthroplasty or	
			hemiarthroplasty)	
			- The above combined (add	<i>Type of prosthesis</i>
			which you've included)	
			(Provide a hazard ratio with standard	Combined
			error)	
			/	
-				

7			If not, this is the end of the survey
			If yes, proceed to question 7.1
71			
/.1			
	-	•	
7.2			
	(provi	de in numbers with percentage)	
7.3			
7.4	Do you have data on revision rate due to		If not, proceed to question 7.5
			If yes, proceed to question 7.4.1
		-	
	7.4.2 What is the hazard ratio of revision		BMI
			Divit
		- BMI	Age
		- Age	0
		- ASA score (I, II, III, IV)	
	7.2	due to for os7.1What arthro registr (provi7.2What ankle registr (provi7.3What7.4Do yoo infect osteoa	<ul> <li>arthroplasties for osteoarthritis in your registry? (provide mean age and standard deviation)</li> <li>7.2 What is the gender distribution of all primary ankle arthroplasties for osteoarthritis in your registry? (provide in numbers with percentage)</li> <li>7.3 What is the start of data collection?</li> <li>7.4 Do you have data on revision rate due to infection of primary ankle arthroplasties for osteoarthritis at 1 year?</li> <li>7.4.1 What is the risk of revision due to infection for men compared to women? (Provide a hazard ratio with standard error. Also provide #men and #women of which the follow-up of 1 year is complete.)</li> <li>7.4.2 What is the hazard ratio of revision due to infection for men compared to women, adjusted for: <ul> <li>BMI</li> <li>Age</li> </ul> </li> </ul>

	<ul> <li>Type of fixation (cemented or non-cemented)</li> <li>Type of prosthesis (Total arthroplasty or hemiarthroplasty)</li> <li>The above combined (add which you've included)</li> <li>(Provide a hazard ratio with standard error)</li> </ul>	ASA score Type of fixation Type of prosthesis Combined
7.5	Do you have data on revision rate due to infection of primary ankle arthroplasties for osteoarthritis at 5 years? 7.5.1 What is the risk of revision due to	If not, proceed to question 7.6 If yes, proceed to question 7.5.1
	<ul> <li>infection for men compared to women?</li> <li>(Provide a hazard ratio with standard error. Also provide #men and #women of which the follow-up of 5 years is complete.)</li> <li>7.5.2 What is the hazard ratio of revision due to infection for men compared to</li> </ul>	BMI
	women, adjusted for: - BMI - Age - ASA score (I, II, III, IV) - Type of fixation (cemented or non-cemented) Turce of monthesis (Tetal	Age ASA score
	<ul> <li>Type of prosthesis (Total arthroplasty or hemiarthroplasty)</li> <li>The above combined (add which you've included)</li> </ul>	Type of fixation Type of prosthesis
	(Provide a hazard ratio with standard error)	Combined
7.6	<ul> <li>Do you have data on revision rate due to infection of primary ankle arthroplasties for osteoarthritis at 10 years?</li> <li>7.6.1 What is the risk of revision due to infection for men compared to women?</li> </ul>	If not, this is the end of the survey If yes, proceed to question 7.6.1
	(Provide a hazard ratio with standard error. Also provide #men and	

7.6.2	<ul> <li>#women of which the follow-up of 10 years is complete.)</li> <li>What is the hazard ratio of revision due to infection for men compared to women, adjusted for:</li> </ul>	BMI
	- BMI - Age - ASA score (I, II, III, IV)	Age
	<ul> <li>Type of fixation (cemented or non-cemented)</li> <li>Type of prosthesis (Total</li> </ul>	ASA score
	arthroplasty or hemiarthroplasty) - The above combined (add	<i>Type of fixation</i>
	which you've included) (Provide a hazard ratio with standard	<i>Type of prosthesis</i>
	error)	Combined