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Julie Hands

Email: fyi-request-1346-e00101c0@requests.fyi.org.nz

Dear Ms Hands

Re Official Information Act Request – Hip Revision Information

We are in receipt of your Official Information Act request dated 4 December 2013 requesting the following information:

1. Procurement Policy for medical devices.

There are two documents that inform the procurement process:

Auckland District Health Board Procurement Policy:

[\\ahsl6\main\Groups\Everyone\POLICY\Master file of Intranet\Board\Bmt\Procurement: Oct08.pdf](#)

and MBIE Government Rules of Sourcing which came into effect on 1st Oct 2013:

<http://www.business.govt.nz/procurement/pdf-library/agencies/rules-of-sourcing/government-rules-of-sourcing-April-2013.pdf>

2. Funding Policies for medical devices including when manufacturers will get paid (i.e., before surgery, upon receiving implant) with specific reference to custom devices.

This depends on what has been agreed in the contract around payment terms, the default is 20th of the following month.

3. How many hip revision surgeries involving an acetabular component for each year for last 5 years 2012 in region? If not available just 2012.

All of the hip revision arthroplasty codes may include a revision of the acetabular component. Equally, they all may include a revision of the femoral component, or both. It is therefore not possible to identify a revision of the acetabular component of a hip replacement through theACHI codes.

ADHB Hip Revision Procedures		Number of Hip Revisions by ADHB				
ICD 10 Procedure Code	Procedure Description	2008	2009	2010	2011	2012
4932400	Revision of total arthroplasty of hip	42	48	36	49	32
4932700	Revision of total arthroplasty of hip with bone graft to acetabulum		2	4	3	9
4933900	Revision of total arthroplasty of hip with anatomic specific allograft to acetabulum	2		1	2	5
4934200	Revision of total arthroplasty of hip with anatomic specific allograft to femur	1	2	1	1	7
4934600	Revision of partial arthroplasty of hip	3	6	4	3	2
4933000	Revision of total arthroplasty of hip with bone graft to femur	2	1	1	3	
4934500	Revision of total arthroplasty of hip with anatomic specific allograft to acetabulum and femur			1	1	
Grand Total		50	59	48	62	55

- 4a. **How many patients received a re-revision surgeries in the past five years? (i.e., it was their second or third plus revision surgery).**

Unable to answer accurately - at least four hip revision procedures on same hip identified from surgeries performed by ADHB within 5 year period of surgery but patients may have had a procedure prior to 5 year period or at other DHB or private hospitals, or unable to determine whether same hip or other hip re-operated on from coding where two revisions done.

- 4b **How much was spent on acetabular implants in revision surgeries over each year for last five years? If not available just 2012.**

Figure unavailable for acetabular implants from datawarehouse - refer comment Q3

5. **What is the average costs of running an operating theatre per hour (minus staffing costs)?**

Average cost of running operating theatre per hour (excluding theatre staff) for hip revision surgery - \$793 (Financial Year 2013)

6. Total operating theatre costs for revision surgeries in 2012?

Costs for the 45 procedures Auckland District Health Board (ADHB) has theatre costs for \$274,539 (Calendar Year 2012) (i.e. excludes those outsourced theatre costs not available) includes a share of overhead staff (such as finance and HR) and other overheads such as capital charges and depreciation, excludes lab tests, radiology, implants, anaesthetists, surgeons, pharmacy, blood

7. How long on average how long does a revision hip arthroplasty take?

On site Auckland hospital hip revision procedure times (from into Theatre to into Post Op) for Calendar Year 2012

Average	247 minutes in theatre
Max	500 minutes in theatre
Min	101 minutes in theatre
Median	222 minutes in theatre

Actual time in hospital for hip revision procedure

ProcCode	ProcDesc	Average Length of Stay Days				
		2008	2009	2010	2011	2012
4932400	Revision of total arthroplasty of hip	14.6	25.7	14.6	14.7	22.8
4932700	Revision of total arthroplasty of hip with bone graft to acetabulum		10.1	8.5	40.5	9.7
4933900	Revision of total arthroplasty of hip with anatomic specific allograft to acetabulum	10.8		24.0	18.8	8.5
4934200	Revision of total arthroplasty of hip with anatomic specific allograft to femur	15.2	28.1	4.1	15.8	25.4
4934600	Revision of partial arthroplasty of hip	10.0	11.5	9.5	11.3	17.5
4933000	Revision of total arthroplasty of hip with bone graft to femur	12.0	10.3	47.4	8.4	
4934500	Revision of total arthroplasty of hip with anatomic specific allograft to acetabulum and femur			128.7	11.2	
Grand Total		14.1	23.6	16.7	15.6	20.0

8. How much was spent on rehabilitation after hip revision in 2012?

	Cost	No.
Ward Stays	234,906	553
Physiotherapy	1,467	
Private Hospital NWB (Non Weight Bearing)	45,472	
Outpatients Appointments Orthopaedics (Follow-up appt)	10,431	
Home Health Services	138,750	
Total rehabilitation costs	\$ 431,026	

9. **What is the cost of a day of rehabilitation for a hip surgery?**

Auckland Hospital Ward Stay Day cost for rehab is \$425 per day

Yours faithfully



Ailsa Claire, OBE
Chief Executive