Page 1 of 4 Form Details



Device Incident Report: Medical Devices Branch - Device Vigilance and Monitoring

DIR: 2 - ID: 139806 Released by Theta Technologies on 26/06/1985 21:02:22 Report Information Section Records Management #: Reporter's Reference #: Report Type: Report #: 21406 2010/015912 Final Report Status: Sponsor's Reported Category Date of Adverse Event: Date of Initial Report: Closed 02/06/2010 Date of Initial TGA Action: Reviewed by DIRE: Date of Final Report: Date Response Received: 08/06/2010 09/06/2010 Operator at Time of Event: If 'Other' Operator Selected: Reporter Confidentiality: Date Completed: 13/08/2010 Yes Source of Report: If 'Other' Source Selected: Type of Initial Action: For IRIS Meeting Clinical Event Information: Fracture of neck component of THR. Report sourced from specialist. Contact: Alternative Person Title: Alternative Person First Name: Alternative Person Surname: Alternative Person Phone: Alternative Person Fax: Patient Information Weight: Sex: Age: Patient Focused Corrective Action Taken: Patient Outcome/Consequences: Other Devices Involved: Submitting Reporter Section Search Reporter By Surname: Reporter #: Reporter Title: First Name: Surname: Mr Martin Richardson Position: Company/Institution: Surgeon Address 1: Address 2: Town/Suburb: Suite 5A Level 2 1 Arnold Street Box Hill VIC Phone: Country: Postcode: Fax: 3128 (03) 9426 4333 (03) 9426 4321 Australia Mobile: Email: Initial Reporter Section - in the final release this will connect to the existing list of reporters in IRIS Initial Reporter Confidential: If No, fill out the following: Search Reporter By Surname: Initial Reporter #: Title: First Name: Surname: Position: Company/Institution: Address 1: Address 2: Town/Suburb: State: Postcode: Phone: Fax: Mobile: Email: Device Information Section Product Exempt: Search Device ARTG: Device ARTG #: If No, fill out ARTG No: No 130874 130874 Therapeutic Licence Type: Product Licence Category: Device Class: GMDN Code:

Form Details Page 2 of 4

| Medical Device | Included | Class IIb | 35666 | |
|---------------------------------------|----------------------------------|--|------------------------------|---------------------------|
| GMDN Text: | | Brand Name: | | |
| Prosthesis, internal, joint, hip, fem | noral component | | | |
| Initial Device Description: | | | | |
| M-Cor | | | | |
| Usage of Device: | Software Version: | | | |
| | | | | |
| Model #: | Serial #: | Batch #: | Lot #: | |
| | | 2264 | | |
| Purchase Date: | Expiry Date: | Date of Implant: | Date of Explant: | |
| | | | | |
| Reported Device Location: | Access Contact Title: | Access Contact First Name: | Access Contact Surname: | |
| | | | | |
| Access Contact Phone: | Access Contact Fax: | | | |
| | | | | |
| Manufacturer Information Section | | | | |
| Manufacturer Name: | | Manufacturer Client Id: | Address 1: | |
| Portland Orthopaedics Limited | | 32827 | | |
| Address 2: | Town/Suburb: | State/Province: | Country: | |
| | | | | |
| Postcode: | Phone: | Fax: | | |
| - " | | <u> </u> | | |
| Email: | | Manufacturer Informed: | Date Aware of Adverse Event: | |
| Combact Title | Combont First Name | Yes | | |
| Contact Title: | Contact First Name: | Contact Surname: | | |
| | | | | |
| Supplier Information Section | | | | |
| Supplier Name: | | Address 1: | Address 2: | |
| | | | | |
| Town/Suburb: | State: | Postcode: | Phone: | |
| | | | | |
| Fax: | Email: | | Supplier Informed: | |
| | | | | |
| Date of Supplier Contact: | Contact Title: | Contact First Name: | Contact Surname: | |
| Combant Discours | Contract Face | | | |
| Contact Phone: | Contact Fax: | | | |
| | | | | |
| | | | | |
| Statistics Checklist Section | | | | |
| Date: | Assessed By: | | | |
| | Challe the Charlette | | | |
| Sample Received: | Sterile: | Reusable: | Single Use: | _ |
| No | Yes | No Protest | | |
| Potential Effect: | Actual Effect: | | Injured Party: | |
| Serious Injury | Serious Injury Risk Severity: | Patient Risk Detectability: | Classification: | Exclude report from DIRE: |
| Risk Frequency: | RISK Severity: | RISK Detectability: | | Exclude report from DIRE: |
| | | | Routine | |
| | | | | |
| Sponsor Information Section | | | | |
| Search Sponsors: | Name: | | Client #: | |
| Po | Portland Orthopaedics (Aust) Pty | | 42862 | |
| Attention To: | Address 1: | Address 2: | Town/Suburb: | |
| Manoja Ranawake | Unit 3 / 44 McCauley Street | | MATRAVILLE | |
| State: | Postcode: | Phone: | Fax: | |
| NSW | 2036 | (02) 9700 1533 | (02) 9666 8344 | |
| Email: | | | | |
| m.ranawake@pldortho.com | | | | |
| Investigation Information Section | | | | |
| Device Analysis Results: | | | | |
| | | | | |
| Corrective/Preventative Actions: | | | | |
| | | | | |
| Details of Similar Events: | | | | |
| | | | | |
| Number of Similar Events: | | Rate of Similar Events: | | |
| | | | | |
| Countries Similar Events Also Occu | irred: | | | |
| | | | | ¬ i |

Form Details Page 3 of 4

| Additional Com | ments: | | | | | | | | | | | | | |
|---|---|----------------------------|------------------------------------|------------------------------|---------------------------|-------------------------------|-------------------|----------------------------------|-------------------------|-------------|-------------------|----------------|-------------|----------|
| Diary Entry: 0 | 6/08/2010 - C | Contacted t | the reporter. Re | equested that | the broken | femoral joint | prosthesis be ser | t to th | e TGA for examination | | | | | |
| Note: As in other | er places on t | the produc | tion system the | ARTG # text | hox will be | replaced with | a link to the reg | ster | | | | | | |
| Other Devices | or places, orr | ine produc | cion system the | 711110 # 1071 | . 50% 11111 50 | replaced men | a min to the reg | 5001 | | | | | | |
| | DTC | | Dovice ARTC I | No | | Droduct Nor | ma | | | Corial # | | | | |
| Search Device A | ch Device ARTG Device ARTG No Product Name Serial # | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related DIR Info | ormation - Cli | ck New to | begin entering | information. | | | | | | | | | | |
| DIR # | | | | | | | | | | | | | | |
| DIK # | Brand Name Reporter First Name Reporter Surname Company/Institution | | | | | | | | | | | | | |
| Complex Descrip | Clieb Name | ha baain an | | bi a a | | | | | | | | | | |
| Samples Record Sample Details | - Click New | to begin ei | itering informa | LIOII. | | | | | | | | | | |
| Sample # | | | | | | | | | | | | | | |
| | | | | | Reporter | \$ | Sponsor | | | | | | | |
| Correspondence | Details | | | | | | | | | | | | | |
| Correspondence Correspondence | | Date Se | nt | Date Respon | ise [| Date Received | Sponsor | 's Res | ponse | 1 | investigator's No | otes | | |
| Completion Noti | | 13/08/2 | 2010 | Expected | | | | | | | S:\DATA\IRS\PR | | T\INVESTIG\ | \DIR\RC2 |
| | | | | | | | | | | | | | | • |
| List of Problem | Type Codes - | Click New | to begin enteri | ng informatio | n. | | | | | | | | | |
| Type Details | | | | | | | | | | | | | | |
| Type of Problem | (Level 1) | | | Type of F | roblem (Lev | rel 2) | | | If 'Other' Type Select | ed | | | | |
| Mechanical | | | | | | | | | | | | | | |
| Cause Details | | | | | | | | | | | | | | |
| Cause of Probler | m (Level 1) | | | Cause of | Problem (Le | evel 2) | | | If 'Other' Cause Selec | ted | | | | |
| Mechanical prob | lem | | | | | | | | | | | | | |
| Materials and ch | emistry | | | | | | | | | | | | | |
| Outcome Details | 5 | | | | | | | | | | | | | |
| Outcome of Inve | estigation | | | | | | | If A | dditional Outcome Deta | ail Request | ed | | | |
| No further action | n | | | | | | | | | | | | | |
| Recall Number: | | | | | | | | | | | | | | |
| Townships biss C | | | | | | | | | | | | | | |
| Investigation S | | -t | water consists at the | TCA for one | lucia | | | | | | | | | |
| | | | returned to the | | | | | | | | | | | |
| The markings | on the stem a on the neck a | re: M-COR | 4V 37x14-0001 . ¿ 15,3 ¿ 47- 0 | 00085 | 3/X14 č 15, | 3 2 | | | | | | | | |
| This is a modu stem). Details | lar neck desig about the pat | jn, which v tients weig | vas anteverted ht, age, mobilit | by approxima y were reque | ately 15¿. Thested but no | ne fracture wa t provided. | s at the neck, at | the to | p of the taper (where t | he taper e | merges from the | e top of the | | |
| stem). Details about the patients weight, age, mobility were requested but not provided. Fracture analysis revealed a characteristic fatigue-mode failure. In fatigue failure, a crack is initiated from a point of weakness on the surface of the component under cyclic load. The crack grows slowly under cyclic loads which are below the ultimate tensile strength of the component. The component fails suddenly when there is not enough material left to support the applied load. Each of these stages of fracture propagation leaves a characteristic pattern on the fracture surface. | | | | | | | | | | | | | | |
| In this case, th | ne point of we | akness ma | - | | | | | | ufacture, or damage in | itroduced i | ntraoperatively | - It was not | | |
| | ffset, the pati | ents weigh | | | | | | | owever it should be no | ted that th | ne MCOR hip is d | lesigned so ti | hat | |
| The performan | ice of the imp | lant in the | Australian Nati | onal Joint Re | placemet Re | gister was che | | 125 M | COR stems and necks h | | | | | |
| 2009. In that time the registry records one other revision due to subsidence. The recorded revision rate is 0.4 revisions per hundred component years. The average revision rate of similar implants is 0.8 revisions per 100 component years. | | | | | | | | | | | | | | |
| The MCOR Hip | replacement | system is | no longer availa | able in Austra | lia for comn | nercial reasons | s. | | | | | | | |
| Implant facture | e is rare. This | case appe | ears to be isolat | ed. No furthe | r action app | ears to be ind | licated | | | | | | | |
| Flour B. 4 | ND D=0 - | | -4 P | .707 | | | | | | | | | | |
| Flow Details : D | JIK-REQ - Dev | rice Incide | nt Request : 29 | 1/87 | | | | | | | | | | |
| Request Details | 3 | | | | | | | | | | | | | |
| ID | Туре | Lo | cation | Status | Assig | ned By | Assigne | d To | | Assigne | d On | | Priority | At |
| 29787 | DIR-REQ | | | Closed | theta | ı | IRIS Co | IRIS Coordinator 12/10/2010 Norm | | | Normal | 0 | | |

Form Details Page 4 of 4

Signature Details

| Role | IRIS Investigator | |
|-----------|---|--|
| User | theta - Theta Technologies | |
| Signed At | 12/10/2010 00:00:00 | |
| Comment | Automatically signed off closed DIR forms as part of data migration | |