

CLINICAL BACKGROUND

1. Frayssinet, P.; Hardy, D.; Hanker, J. and Giammara, B.: Natural History of Bone Response to Hydroxyapatite-Coated Prostheses Implanted in Humans. *Cells and Materials*, Vol. 5, No. 2, 1995: 125-138.
2. Frayssinet, P.; Hardy, D.; Tourenne, F.; Rouquet, N.; Delince, P. and Bonel, G.: Osseointegration of Plasma Sprayed HA Coated Hip Implant in Humans. Sofcot, 1995: 142-149.
3. Hardy, D.; Frayssinet, P.; Gonel, G.; Authom, T.; LeNaelou, S. and Delince., P.: Two-Year Outcome of Hydroxyapatite-Coated Prostheses: Two Femoral Prostheses Retrieved at Autopsy. *Acta Orthop Scand*, 65 (3), 1994: 253-257.
4. Hardy, H.; Frayssinet, P.; Guilhem, A.; Lafontaine, M. and Delince, P.: Bonding of Hydroxyapatite-Coated Femoral Prosthesis: Histopathology of Specimens From Four Cases. *Journal of Bone and Joint Surgery*, Vol. 73-B, 1991: 732-739.
5. Reigstad, A.; Rokkum, M.; Tysland, A.; Brandt, M.; Hetland, K. and Bye, K.: A Prospective Study of 100 Consecutive HA-Coated Total Hip Replacements: A 3-5 Year Follow-Up. *Acta Orthop Scand*, 65, (Suppl 260), 1994: 54.

Specific Corail® Papers

Be aware that the people manufacturing the Scanos product range at every stage of production, forging, machining, coating and development are those same people who were in charge of the Corail® femoral component for more than 15 years.

The different papers printed out here below advocate the following clinical results for this design of stem while it was still a Landos product:

97.7% stem survivorship in 6700 cases after 10 years

Only 10 cases of stress shielding type III out of 5850 cases

99.5% stem survivorship in 117 cases after 4.5 years

Total or near total post-operative pain-relief achieved in 98% of patients

94.4% stem survivorship in 1039 cases after 6 years in patients under 55

99.1% stem survivorship in 119 cases after 10 years in patients under 50

Vidalain JP, Arthro group

Corail® in Primary THR-A twelve Years Experience

Paper presented at the International Corail® Conference, Malta 1998

Vidalain JP et al

Hydroxyapatite coating...ten years later.

Paper presented at the Charnley International Symposium, Lyon, 1995

Havelain L, Espehaug B, Vollser S, Engesaeter L.

Early aseptic loosening of uncemented femoral component in primary total hip replacement.

A review based on the Norwegian Arthroplasty Register.

J.Bone and Joint Surg. [Br] 1995; 77-B:11-17

Vidalain JP, Artro group
HA coating, Ten Years Experience
Paper presented at the SIROT/SICOT congress, Amsterdam, 1996

Havelin L, Engesaeter L
Results of 2054 primary uncemented hydroxyapatite coated hip prosthesis.
J.Bone and Joint Surg. [Br] 1997;79-B: Supp II.

Vidalain JP, Artro group
Can we propose a HA THR to a Patient Younger than 50 years old?
Paper presented at the European Hip Society Meeting, Beaune 1998

Hardy D, Frayssinet P, Guilhem A, Lafontaine M, Delince P
Bonding of hydroxyapatite coated femoral prostheses.
J.Bone and Joint Surg. [Br];73-B:732-740

Head WC, Bauk DJ, Emerson RH
Titanium as the material of choice for cementless femoral components in Total Hip
Arthroplasty
Clin Orthop 311:85-90, 1995

Frayssinet P, Hardy D, Hanker JS, Giammara BL
Natural history of bone response to hydroxyapatite coated hip prostheses implanted in
humans
Cells and materials, Vol.5, N°.2, 1995:125-138

Fisher J
Wear of UHMWPe in Total Artificial Joints
Current Orthopaedics, 8, 164-169, 1994

Vidalain JP
Reliability of a Cemented Titanium femoral Implant: a retrospective Study of a Personal
Series of 120 prostheses with more than 10 years follow up.
J. Bone and Joint Surg. [Br] 1997; 79-B: SUPP I

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