

Osteolysis in THA in Relation to Different Degrees of Release of Me



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### [Early Osteolysis Following Second-Generation Metal-on ...](#)

<https://www.researchgate.net/publication/7749332...>

Background It is unclear whether a connection exists **between** femoral head size, offset, neck length, and cup abduction angles, and rate of revision in **metal-on-metal** (MoM) total hip arthroplasty ...

### [Cementless cups do not increase osteolysis risk in metal ...](#)

<https://www.researchgate.net/publication/223101390...>

Theoretically, second generation **metal-on-metal** (MoM) bearings provide interesting tribiological properties for wear, **osteolysis** and thus longevity of total hip arthroplasties (**THA**)<sup>123</sup> .

### [Loosening and Osteolysis Associated with Metal-on-Metal ...](#)

<https://www.researchgate.net/publication/7024865...>

This prospective, randomised study compared two groups of patients undergoing **THA** after being randomised to receive one of two **different** bearing surfaces: **metal-on-polyethylene** (MoP) n = 22 and ...

### [Osteolysis with a cementless second generation metal-on ...](#)

[europepmc.org/articles/PMC2899158](http://europepmc.org/articles/PMC2899158) ▼

Nov 05, 2008 · Introduction. Wear-related **osteolysis** with **metal-on-polyethylene** articulations [] has led to a resurgence of interest in **metal-on-metal** bearings. Second generation **metal-on-metal** bearings have...

### [Serum Metal Ion Concentration: Comparison Between Small ...](#)

**Name of Journal:** *World Journal of Orthopedics*

**Manuscript NO:** 67739

**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Study*

**Osteolysis in total hip arthroplasty in relation to metal ion release: Comparison between monolithic prostheses and different modularities**

Manfreda F *et al.* THA-osteolysis for metal ions release

Francesco Manfreda, Egzon Bufi, Enrico Florio, Paolo Ceccarini, Giuseppe Rinonapoli, Auro Caraffa, Pierlugi Antinolfi

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### [Corrosion at the neck-stem junction as a cause of metal ...](#)

<https://www.researchgate.net/publication/228067166...>

Clinical consequences have been associated with corrosion of modular junctions **in total hip arthroplasty**. **Metal** debris and **ion** release-**related** sequelae in **metal**-onpolyethylene (MoP) constructs

...

### [Corrosion of a Hip Stem With a Modular Neck Taper ...](#)

<https://www.researchgate.net/publication/23300212...>

Since the early 1990s, there has been a dramatic increase in modular **total hip** designs ranging from a stem with a proximal taper and modular head, to a distal stem, double taper proximal neck, and ...

**Estimated Reading Time:** 11 mins

### [Varini Elena - Tesi dottorato BIOINGEGNERIA | Manualzz](#)

<https://manualzz.com/doc/9698642/varini-elena---tesi-dottorato-bioingegneria> ▼

Bone tissue has two major surfaces: PhD Thesis in Bioengineering –Elena Varini 13 Chapter 1 – Bone, **Hip** Joint and **Total Hip Arthroplasty** periosteal and endosteal (fig. 1.2). The periosteum covers the outer bone surface, being composed of a sheet of fibrous connective tissue and an inner layer of undifferentiated cells.

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