## **LETTER TO THE EDITOR**

## Developmental hip dysplasia of Giovanna from Austria (1548-1578) and her daughter Anna (1569-1584): some clarifications

## Gino Fornaciari

Division of Paleopathology, Department of Translational Research on New Technologies in Medicine and Surgery, University of Pisa, Pisa - Italy

To the Editors,

I am pleased that paleopathology is starting to acquire general interest and that our paper on hip dysplasia of Giovanna from Austria and of her daughter Anna (1) attracted comments (2).

The lesions observed in the acetabular roofs of Giovanna had already been cited in a preliminary report (3), where an incomplete dislocation of the hip was diagnosed.

The defect we described was only in the external acetabular roof of both women, with no lesions present in other parts of the acetabular cavities or in the femoral heads. Therefore, radiographs would probably not be helpful at this stage. We believe that the lesions of the acetabular roof of the pelvis of Giovanna and Anna are macroscopically evident, and that a diagnosis of mild developmental hip dysplasia is likely.

Financial Support: None

Conflict of Interest: The authors declare no conflict of interest.

Address for correspondence:
Prof. Gino Fornaciari
Division of Paleopathology
Department of Translational Research on
New Technologies in Medicine and Surgery
University of Pisa
Via Roma 57
56126 Pisa, Italy
gino.fornaciari@med.unipi.it

## REFERENCES

- Giuffra V, Fornaciari G. Developmental hip dysplasia in the Medici family. Hip Int. 2013;23(1):108-9.
- 2. Weisz M, Matucci-Cerinic M, Albury WR, Lippi D. Revealing the secrets of the Medici family no proof as yet for hip
- dysplasia on "Developmental hip dysplasia in the Medici family", Hip Int. 2013;23(1):108-9. Hip Int. 2013;23(5):507-8.
- Fornaciari G, Vitiello A, Giusiani S, Giuffra V, Fornaciari A. The "Medici Project": first results of the explorations of the Medici tombs in Florence (15<sup>th</sup>-18<sup>th</sup> centuries). Paleopath. Newsl. 2006;133:15-22.