



OHP-040

## MONITORING OF ADVERSE REACTIONS TO ASR DEPUY DEVICES IN PATIENTS WITH METAL-ON-METAL HIP ARTHROPLASTY

M. RODRÍGUEZ DE LA FLOR GARCÍA<sup>1</sup>, R. RAMOS APARICIO<sup>1</sup>, C.P. PUENTE MARTÍNEZ<sup>1</sup>, D. HERNÁNDEZ VAQUERO<sup>2</sup>.

<sup>1</sup>Hospital San Agustín, Pharmacy, Aviles, Spain.

<sup>2</sup>Hospital San Agustín, Orthopaedic Surgery, Avilés, Spain.

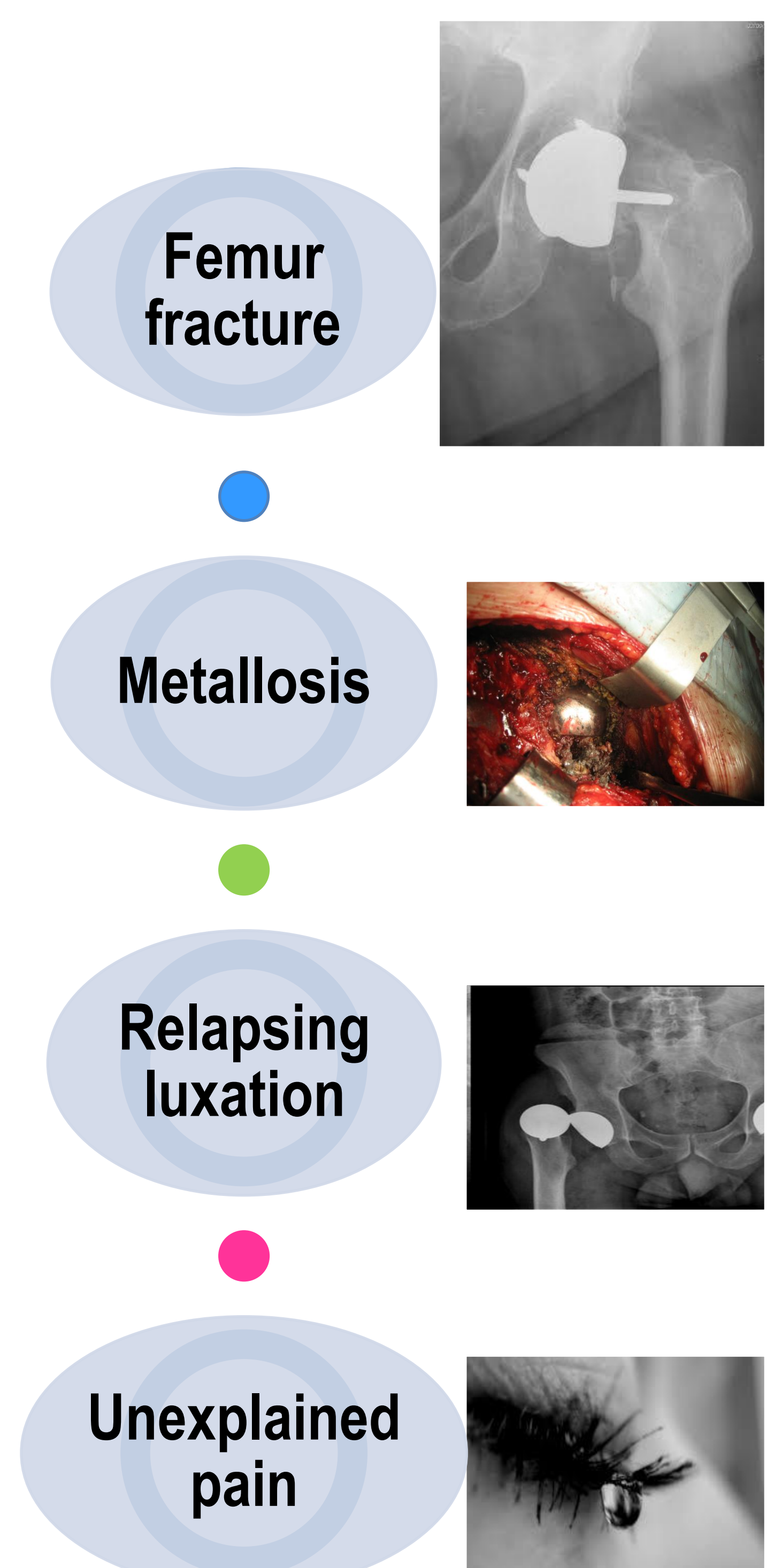
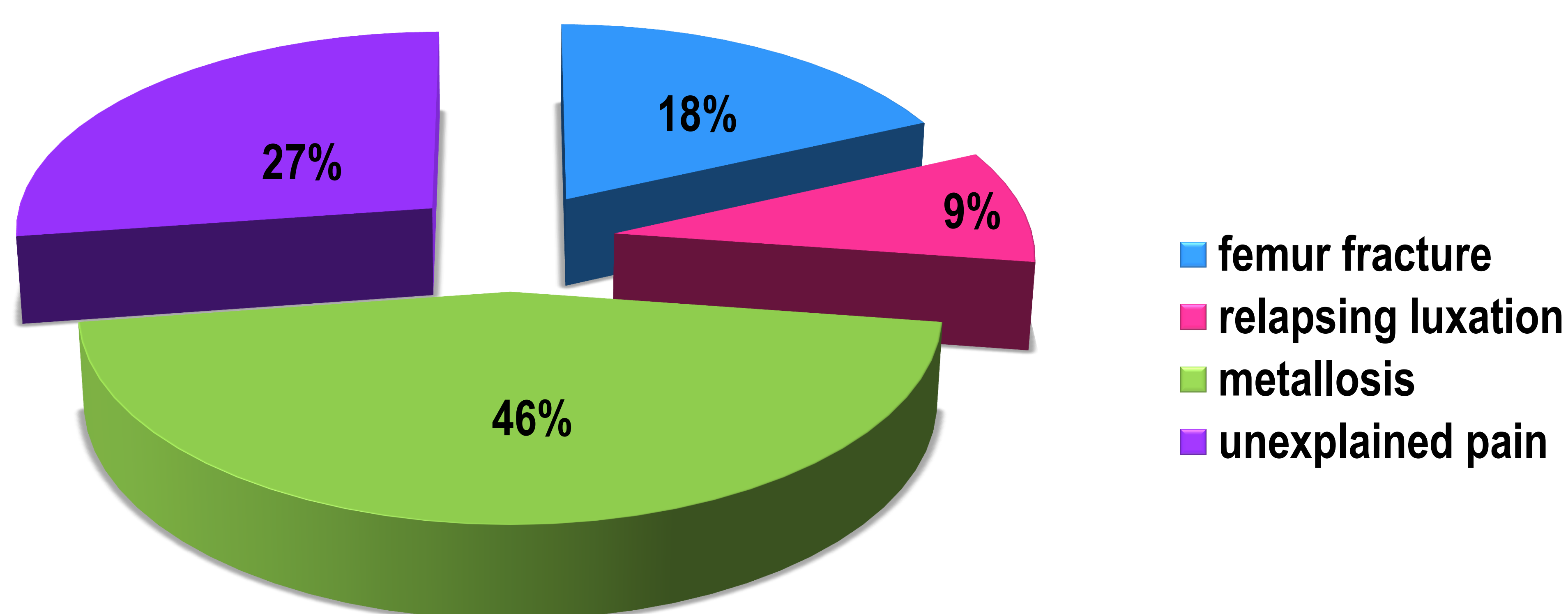
**Objectives:** The main endpoint of this study is to assess the survival rate of m-o-m ASR™ dePuy devices and to analyze the principle causes of hip prosthesis failure. In addition, another point of interest consists in estimate the economic impact of revision surgery cases.

**Materials and Methods:** Patients with ASR dePuy systems were recruited to analyze the incidence of failure. The global economic impact of revision surgery cases were estimated on the basis of the average costs of this kind of procedures, including indirect costs (10.000€ per surgical intervention).

### Results:

- 11 out of 45 patients (2 women) with ASR dePuy devices underwent revision surgery.
- Average age: 57.5 years (35-76)
- B.M.I: 29.42 (19.48-43.58).
- The estimated costs of revision surgery in these 11 cases goes up to 110.000€.

11 revision surgery cases: main causes



### Conclusions:

- The survival rate of ASR™ dePuy devices is significantly lower in ASR m-o-m prosthesis compared to other m-o-m models, even more than in m-o-p systems.
- It would be necessary to follow up the appearance of adverse reactions to health products in order to know their real performance.
- The sooner we detect these failures the better we can take better alternatives.

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