

**CLASSIFICATION SCHEME OF HEATING RISK DURING MRI SCANS  
ON PATIENTS WITH ORTHOPAEDIC PROSTHESES**

**SUPPLEMENTARY MATERIALS**

**Table S1.** Features of the Register of the Orthopaedic Prosthetic Implants (RIPO) database.

<b>Implant type</b>	<b>Data collection Time range</b>	<b>Included implants</b>	<b>Excluded implants</b>	<b>Number (approx.)</b>
hip	1st Jan. 2000 – 31st Dec. 2017	total arthroplasty,	special	175000
		hemiarthroplasty, resurfacing, revision and removal operations	prostheses for tumour surgery	
knee	1st Jan. 2000 – 31st Dec. 2017	uni-, bi- and tri-compartmental arthroplasty, revision and removal operations	special prostheses for tumour surgery	105000
shoulder	1st Jan. 2008 – 31st Dec. 2017	anatomical and reverse arthroplasty, resurfacing, partial, revision and removal operations	special prostheses for tumour surgery	6700

**Table S2.** Features of the Italian regional healthcare systems databases *Assistenza Specialistica Ambulatoriale* (ASA) and *Scheda di Dimissione Ospedaliera* (SDO). Abbreviation: SSN, *Sistema Sanitario Nazionale* (Italian National Healthcare System).

Clinical services database	Included patients services	Excluded patients services
	<hr/>	
	Collects specialist outpatient assistance	
ASA	provided to individual patients by public and private providers of the region accredited by the SSN	Specialist assistance given during hospital staying
SDO	Includes all the clinical services provided to individual patients during hospital staying by public and private hospitals of the region accredited by the SSN	