

Spinal Cord Stimulation for chronic pain.

Implantable Pulse Generator (IPG) use at:

Department of Neurosurgery
Aarhus University Hospital

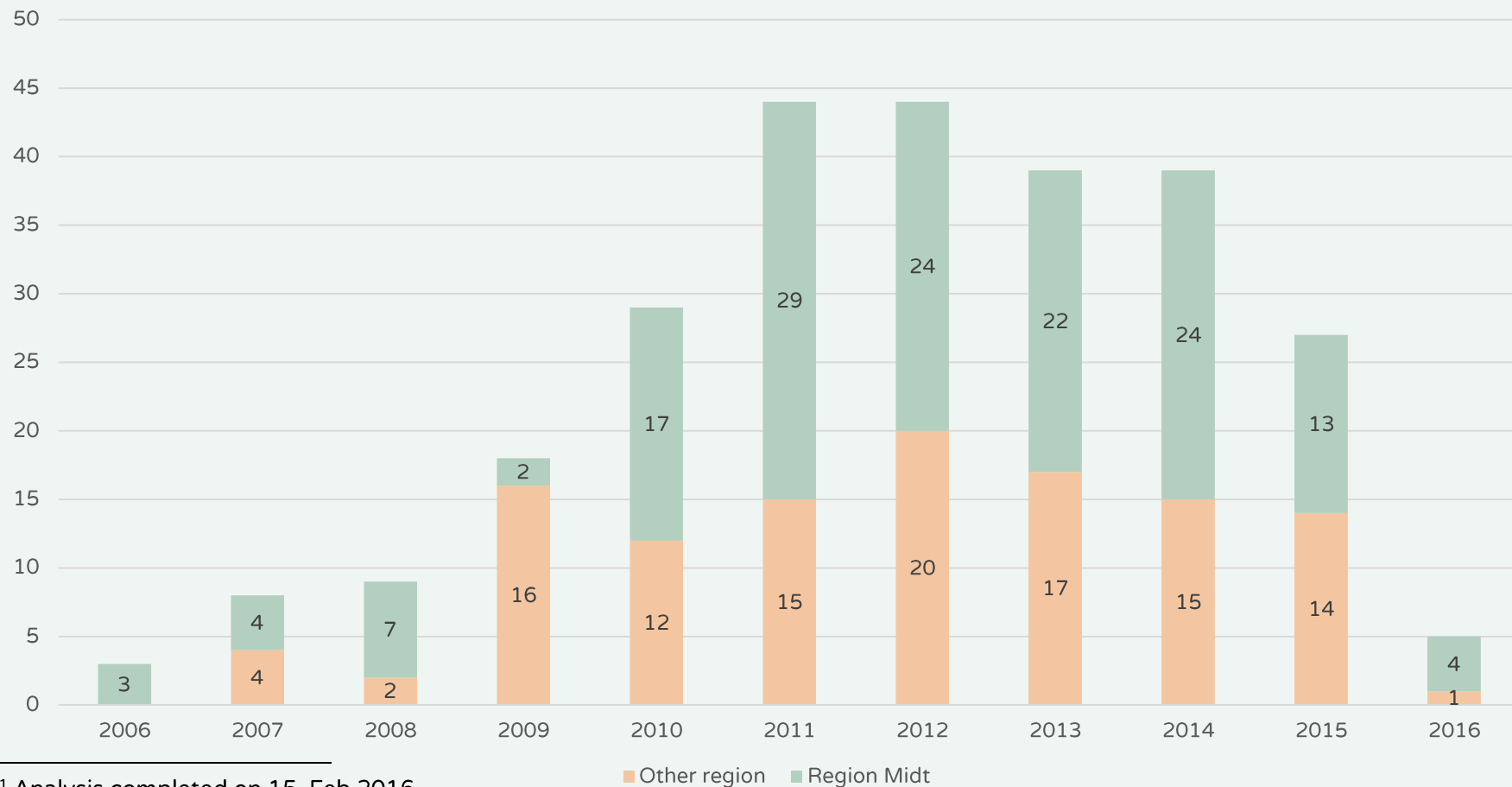
1. Jan. 2006 – 15. Feb. 2016

a Neurizon report



IPG implantation numbers sorted by year 2006-2016¹ |

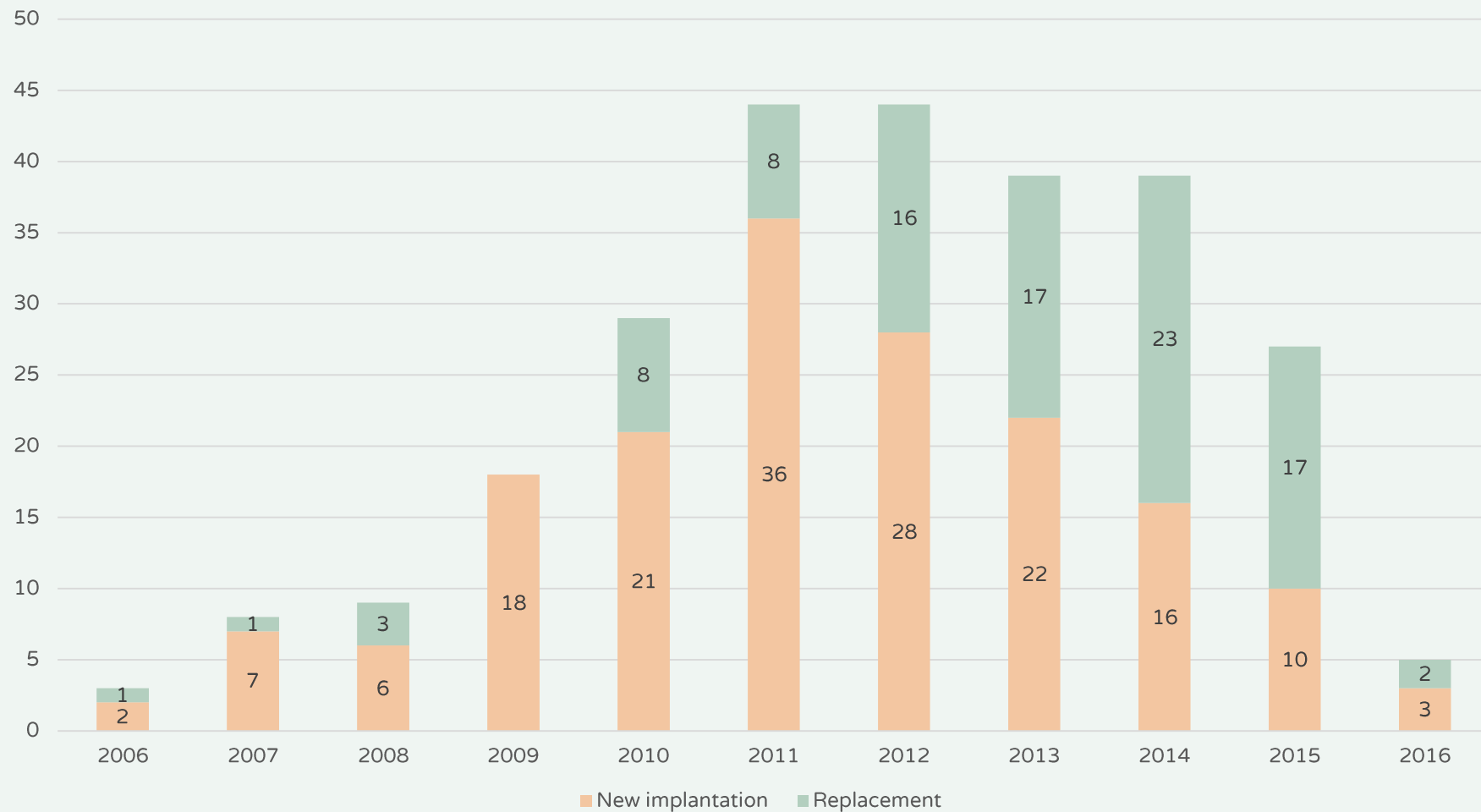
The figure shows the total number of IPGs implanted per year. Implantations are further sorted by whether the patient lives in Region Midtjylland or in one of the four other Danish regions as that is of consequence for the reimbursement.



¹ Analysis completed on 15. Feb 2016.

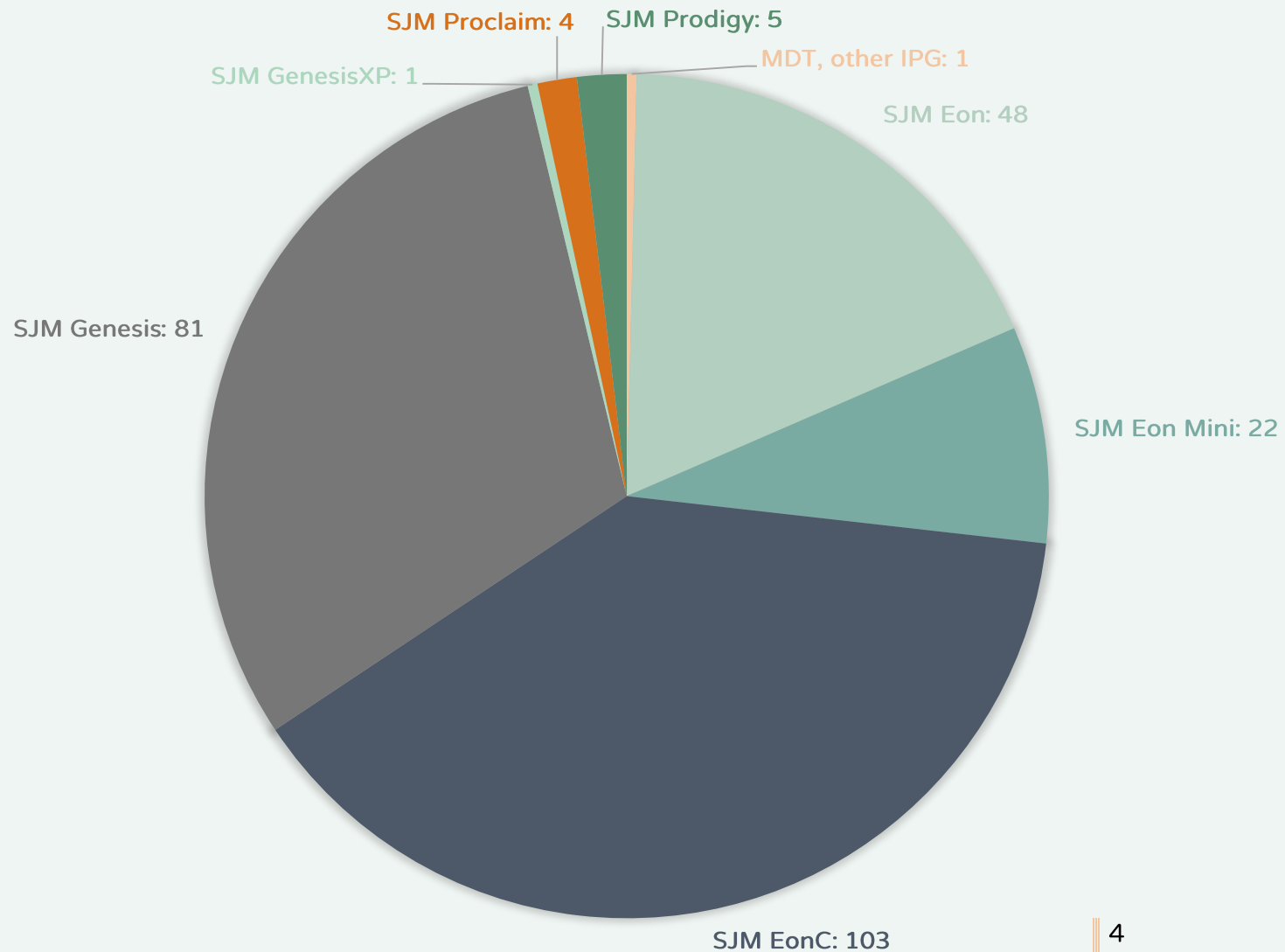
IPG implantation numbers sorted by year 2006-2016 II

The figure shows the total number of IPGs implanted per year. Implantations are further sorted by whether the IPG implanted was a first-time implantation or a replacement of an existing IPG.



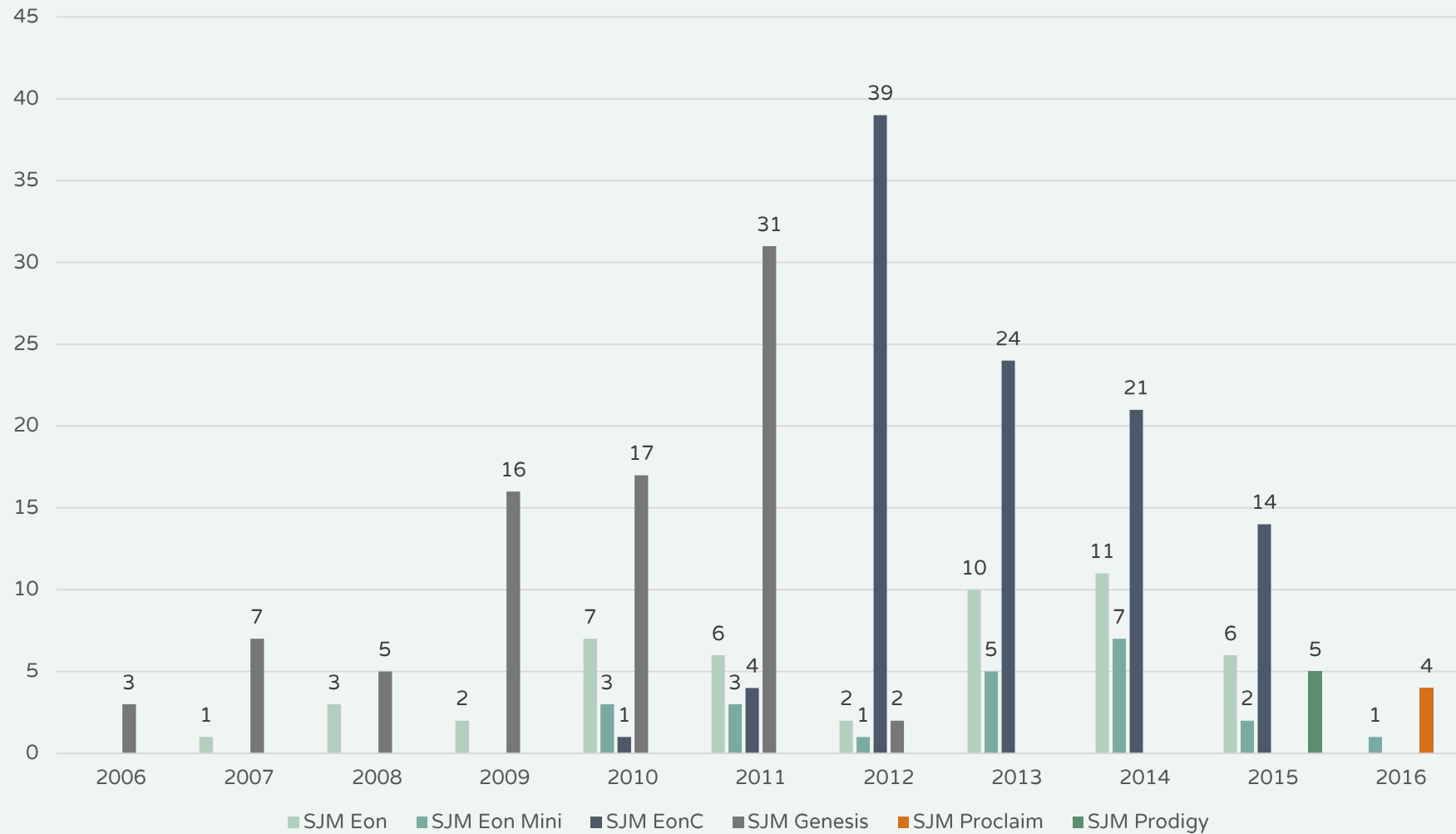
Total IPG implantations sorted by IPG model

The figure shows the distribution of IPG models among total number of IPGs implanted.



IPG model implanted sorted by year

The figure shows the IPG model implanted sorted by year.



IPG service life sorted by model

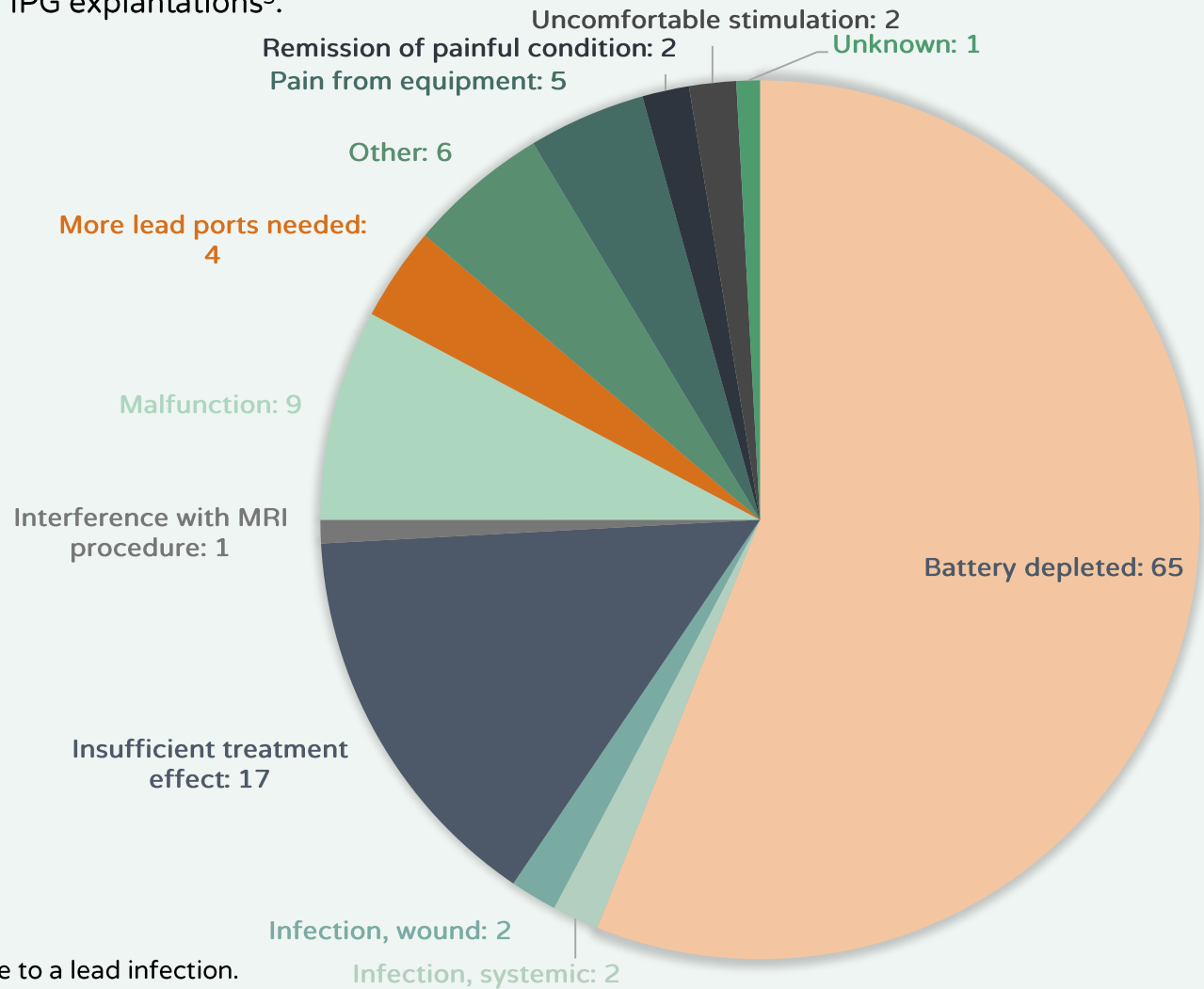
The table shows the median service life in years (IQR: 25 ; 75 % interquartile range) of IPGs sorted by model, but irrespective of reasons for explantation².

IPG model	n	Median	IQR
MDT, other	1	4.5	N/A
SJM Eon	12	1.9	1.0; 2.3
SJM Eon Mini	5	1.1	0.4; 1.3
SJM Eon C	37	1.5	1.3; 2.2
SJM Genesis	60	2.7	1.2; 3.8
SJM Genesis XP	1	2.2	N/A

² Of 265 IPGs implanted, 116 were explanted and could be included for analysis.

Reasons for IPG explantation

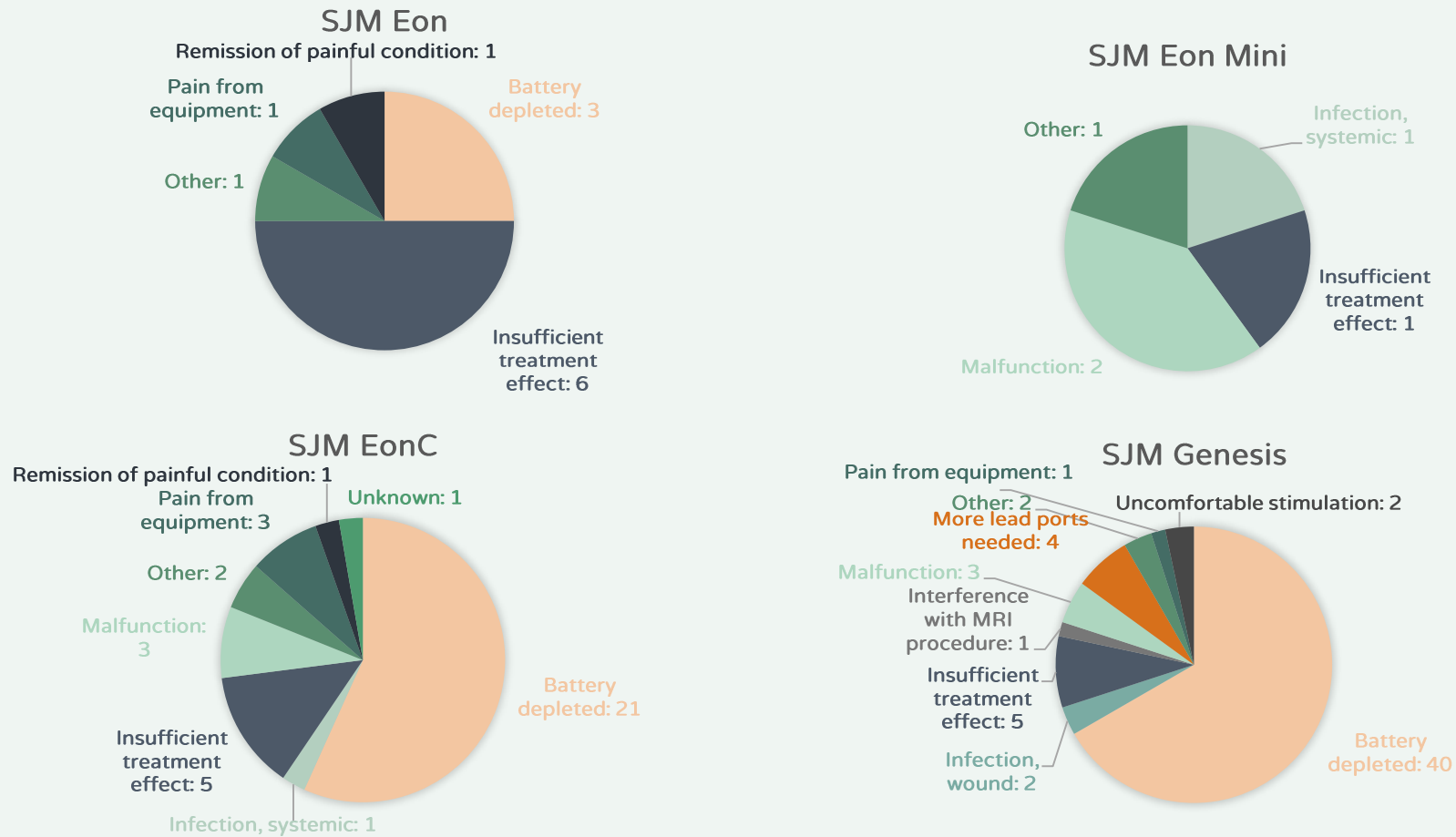
The figure shows the reasons for all IPG explantations³.



³ Note an IPG explantation may also be due to a lead infection.

Reasons for IPG explantation sorted by model.

The figures show the reasons for IPG explantation, sorted by IPG model⁴.



⁴ Data also include: MDT, other (Malfunction: 1); SJM GenesisXP (Battery depleted: 1).

Data extracted from the Neurizon Neuromodulation Database⁵

<http://www.neurizon.org>

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Report completed for:

*Department of Neurosurgery
Aarhus University Hospital
Aarhus, Denmark*

Report completed by:

*Kaare Meier, MD PhD
Ioanna Milidou, MD PhD
Mattias Rasmusson, MSc*

⁵ Danish Data Protection Agency file no. 2013-41-2667