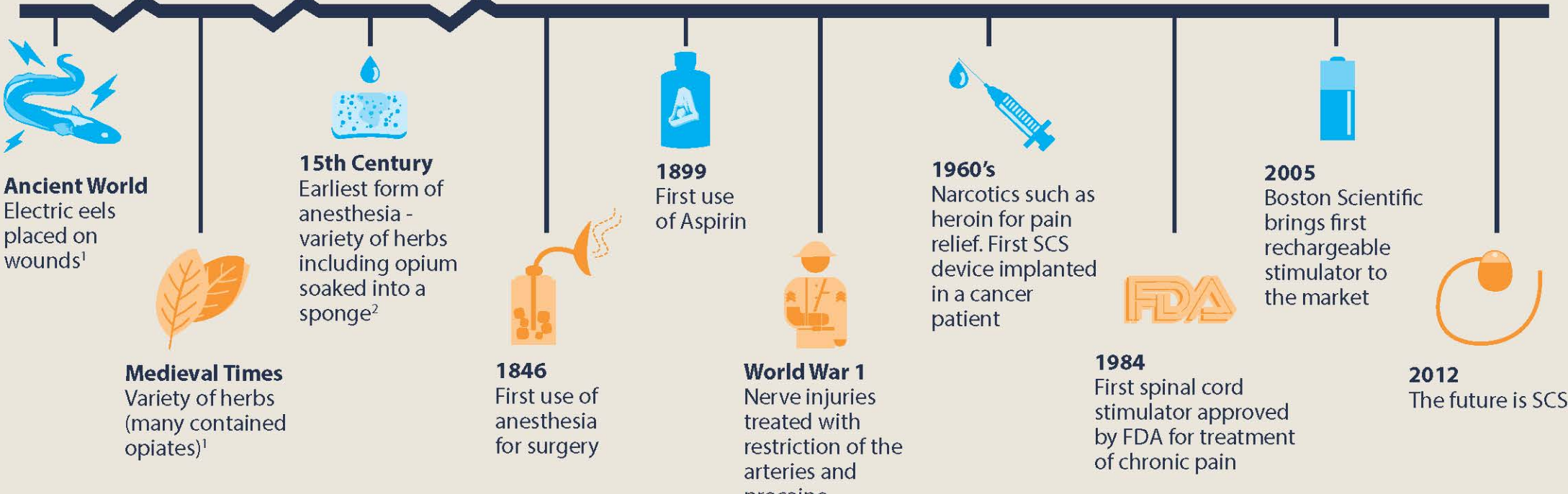
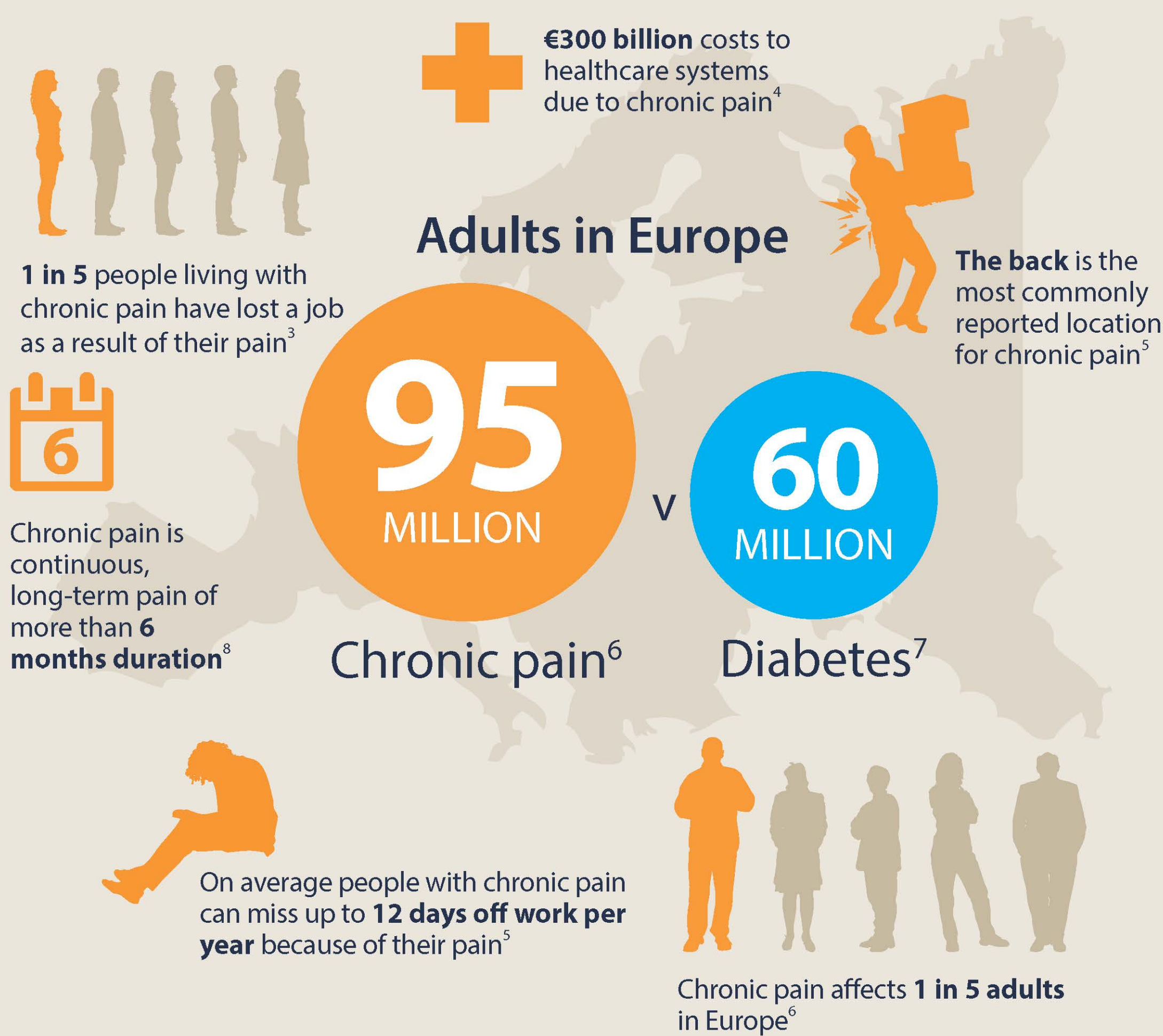


# Innovations in pain management

## A brief history of treating pain



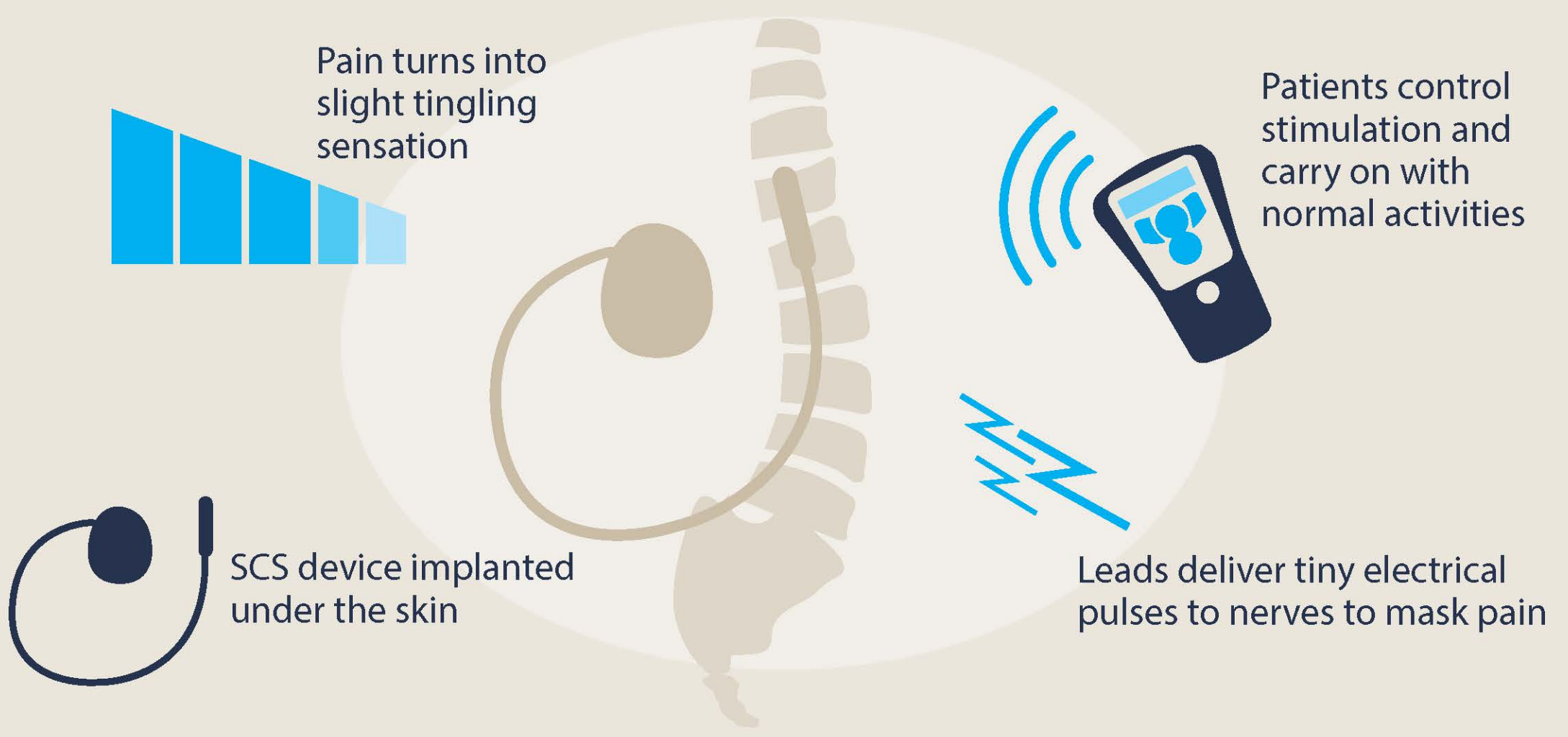
## Europe is still suffering in the 21st Century



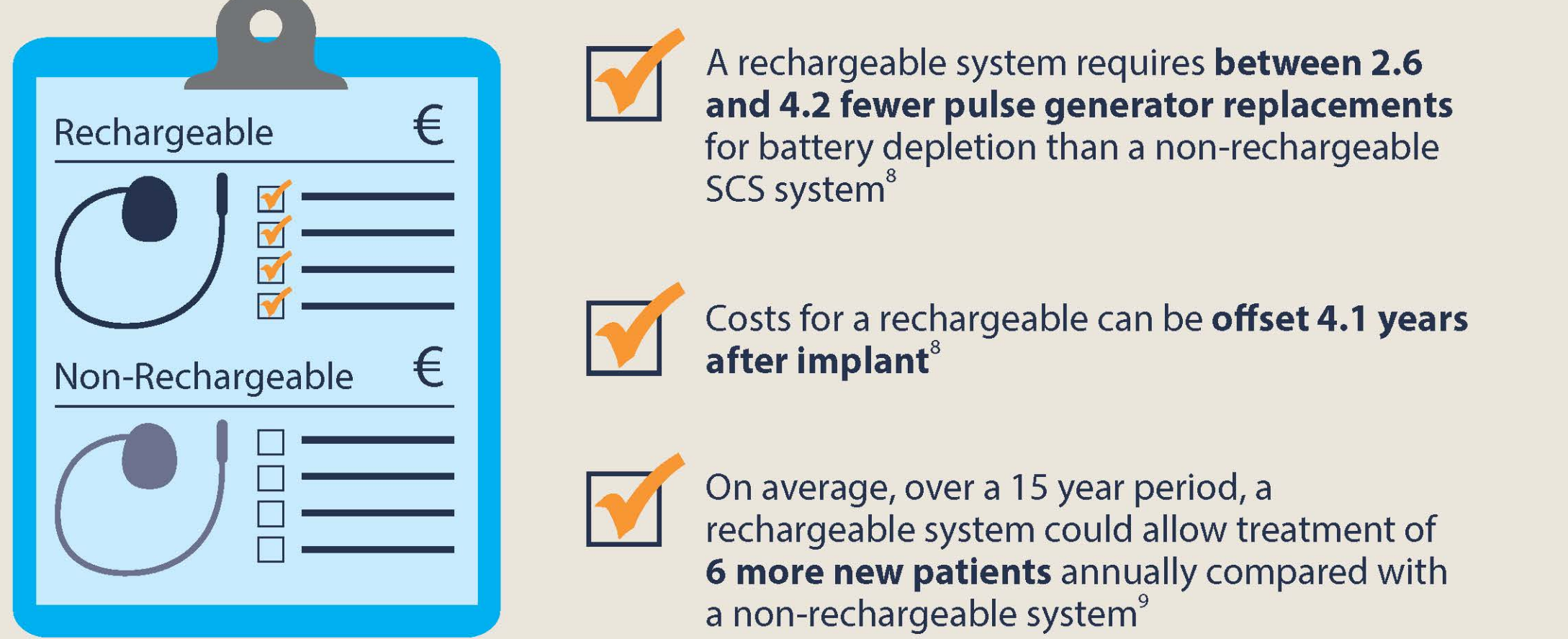
## Is pain management stuck in the dark ages?



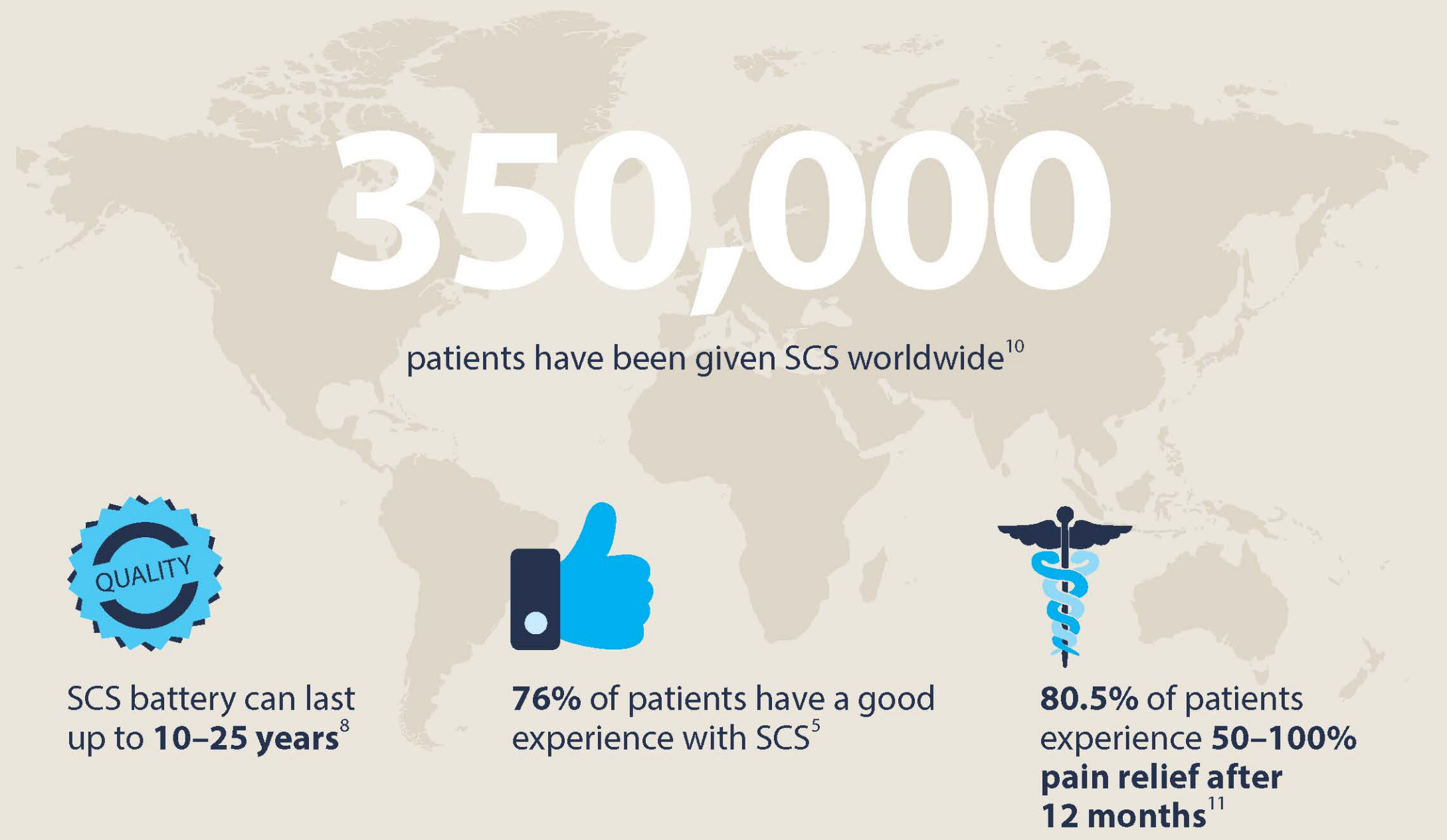
## What is spinal cord stimulation?



## Are all SCS devices the same?



## Patient benefits



**References**

- Lallanilla M. A Brief History of Pain. abc News. 2005. Available at <http://abcnews.go.com> Accessed October 2012
- Juvin P et al. The Ancestors of Inhalational Anesthesia: The Soporific Sponges (XIth-XVIIth Centuries). Anaesthesiology. 2000;93:265-9
- British Pain Society. Pain in Europe - A Report Available at [www.britishpainsociety.org](http://www.britishpainsociety.org) Accessed October 2012
- Pain Proposal: Improving the Current and Future Management of Chronic Pain. A European Consensus Report 2010
- The Painful Truth Survey 2012. Sponsored by Boston Scientific and conducted by ICM research
- Breivik H et al. Survey of chronic pain in Europe: prevalence, impact on daily life, and treatment. Eur J Pain 2006;10:287-333 9 (Figure extrapolated from Eurostat adult population estimate as of July 2012, available at <http://ec.europa.eu/eurostat/>)
- World Health Organisation. Diabetes Epidemic in Europe. Regional Office for Europe 2011 Available at [www.euro.who.int/en/home](http://www.euro.who.int/en/home) Accessed October 2012
- Hornberger et al. Rechargeable Spinal Cord Stimulation Versus Nonrechargeable System for Patients With Failed Back Surgery Syndrome: A Cost-Consequences Analysis Clin J Pain 2008;24:244-252
- These figures are calculated using a fixed budget health economics model for a 15 year period based on Belgian reimbursement pricing (2010) for a typical non-rechargeable IPG with a median battery longevity of three years based on published literature.
- American Association of Neurological Surgeons, 2008. Available at: <http://www.aans.org/Patient%20Information/Conditions%20and%20Treatments/Spinal%20Cord%20Stimulation.aspx> Accessed October 2012
- Van Buyten et al. The restore rechargeable, implantable neurostimulator: handling and clinical results in a multicentre study. Clin J Pain 2008;24:325-34

**Disclaimer**  
All cited trademarks are the property of their respective owners. CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. Information for the use only in countries with applicable health authority product registrations.

**IMPORTANT - Please Note:**  
Information provided by Boston Scientific Corporation (BSC) is gathered from internal and third-party sources and is presented for illustrative purposes only. This information does not constitute medical, reimbursement or legal advice, and BSC makes no representation or warranty regarding this information or its completeness, accuracy or timeliness. BSC strongly recommends that you consult with your physician, payers, reimbursement specialist and/or legal counsel regarding medical, coverage and reimbursement matters.