



# Improvement in postoperative PAIN OUTcome

## PAIN OUT - FP7 HEALTH Collaborative Project

funded from 2009 – 2012; since 2013 continued independently

17 participants from 11 countries, 2.9 Mio. EUR EC-funding

Jena University Hospital, University of Exeter, University Leipzig (IMISE), Mälardalens University, TAKWA GmbH, Hospital del Mar Barcelona, University Hospital Münster, Charité Berlin, Spitalul de Urgenta Cluj, University of London, Luzerner Kantonsspital, Hôpital Raymond Poincaré Paris, Ospedaliara Santa Maria Pordenone, Tel Aviv Sourasky Medical Center, University Hospital Örebro, Saarland University Hospital Homburg

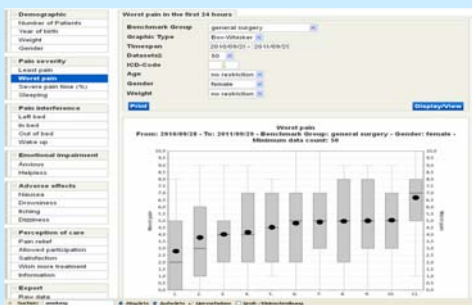
Each year, millions of surgeries are performed. At least half of the patients suffer from moderate to severe post-operative pain. The price of poorly managed pain is high: pain impedes recovery, causes suffering and prolongs the hospital stay. PAIN OUT provides tools for measurement, feedback and benchmarking of pain treatment quality in order to improve patient care.

**PAIN OUT** aims at improving postoperative pain outcomes by use of 2 tools:

- a Benchmark Module that feeds back pain treatment outcomes interactively
- an Electronic Knowledge Library that provides easy access to current guidelines on pain therapy

### How is it done?

1. **Collection of patient outcome data** (based on the International Pain Outcome questionnaire IPO) and **demographic and clinical data**
2. **Input of data** into a web-based data entry mask
3. **Feedback of results** via the benchmark server



Box whisker plots showing worst pain results of different wards

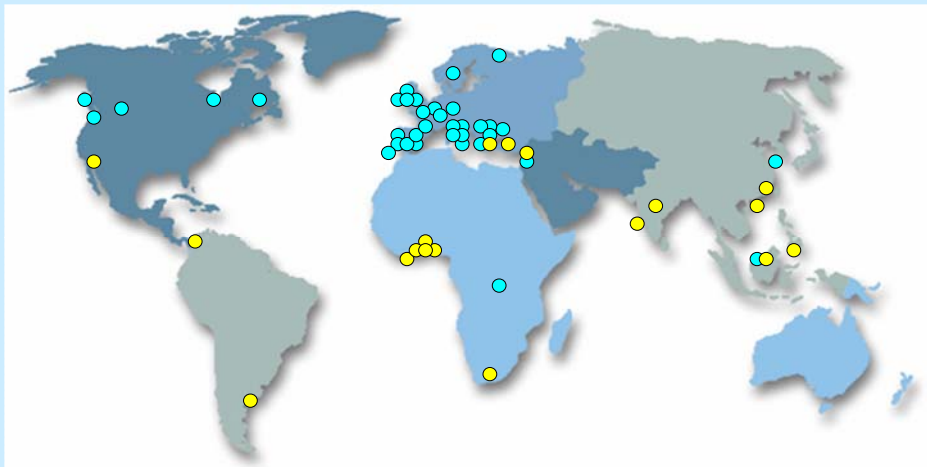
### Benefits from joining PAIN OUT

Hospitals that take part in PAIN OUT

- get a continuous feedback and analyses of their own quality of care
- can identify shortcomings
- are able to implement change management concepts by evaluating their own results
- benefit from the research opportunities of the world's largest data base on post-op pain
- take better care of their patients

### Achievements so far:

- more than 50 additional partners, ongoing recruitment
- cooperation with the International Association for the study of pain (IASP), the European Society of Anaesthesiology (ESA) and the German QUIPS project
- 12 peer-reviewed publications
- more than 40,000 datasets
- Several sub-projects (European observational study on chronification of post-surgical pain; C-section study in Nigeria, IASP's post-op pain management improvement program in developing countries, PAIN OUT for children)



### PAIN OUT's dissemination around the world:

- PAIN OUT sites (60)
- PAIN OUT sites in preparation (20)

Until end of 2013, collaborators in these sites have collected more than 40,000 patient data sets for PAIN OUT!



Supported by: **IASP** Working together for pain relief



more information on: [www.pain-out.eu](http://www.pain-out.eu)

