

PAIN-OUT

Incidence and risk factors of chronic post surgical pain: a European follow up study

The medical problem

Over the past ten years there has been recognition that chronic post-surgical pain (CPSP) is a significant medical problem. CPSP has an estimated mean incidence of 30% with variation depending on the type of surgery. The incidence of severe CPSP with functional impairment is estimated to be 5-10%. Every year, surgery is performed on over 30 million patients in the European Union, therefore the number of patients potentially exposed to CPSP is large and CPSP may represent a major, largely unrecognised clinical problem.

The PAIN OUT project (<http://www.pain-out.eu/>)

PAIN OUT is the first benchmarking project assessing management of postoperative pain at a European level. The existing network of PAIN OUT will collaborate with ESA CTN to improve understanding of the epidemiology and risk factors of CPSP. The group of PAIN OUT is composed of experts in the field of clinical research in acute pain. Their experience and already active collaboration in the PAIN OUT network offer a unique guarantee of success.

The objectives of PAIN OUT Long term follow up

Part one: assess the global incidence of chronic post surgical pain in a large sample of European patients, including rare types of surgeries and specific populations. Evaluate the differences in incidence patterns between European countries

Part two: determine the risk factors related to patient (clinical and genetic factors), surgery, anaesthesia and analgesia. Ascertain whether it is possible to define a predictive score for the incidence of CPSP and validate this score

Exclusion / inclusion criteria

All patients 18 years old and above, able and willing to participate in the study

Outcomes

Primary endpoint: incidence of CPSP 12 months after different types of surgeries

Secondary endpoints: risk factors of CPSP related to the patient, surgery, anaesthesia and analgesia

Sample size, study duration and participating centres

Patients recruited in the PAIN OUT project and the participating ESA CTN sites.

Each participating centre will have to include 50-100 patients a month.

Follow up at day one after surgery and a phone call at 12 months for Part 1.

Half of the PAIN OUT centres may participate.

We expect that 5 additional ESA CTN sites will participate.

This first phase will last two years for recruitment of patients and 3 months for analysis.

Phase two will be related to the results obtained in Part 1.

JOIN THE CLINICAL TRIAL NETWORK !

How do you get involved?

Please contact Dominique Fletcher (chief investigator) by e-mail (dominique.fletcher@rpc.aphp.fr) or telephone ((1) 47107619; 0661177035) or through the ESA Secretariat (research@euroanaesthesia.org).

ESA and PAIN OUT need you!!



***Further information: www.euroanaesthesia.org and
research@euroanaesthesia.org***