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Management of pain in patients under vitamin K: Experience of the unit of clinical pharmacology of EHU Oran, Algeria

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Introduction: The clinical value of vitamin K antagonists (VKA) has been widely demonstrated in numerous indications. Unfortunately, VKA are not devoid of drawbacks and risk of serious bleeding. The iatrogenic induced by these drugs is a major public health problem.

Patients & Methods: We conducted a retrospective study period extending from February 2012 to August 2013 in the pharmacovigilance service of EHUO (clinical pharmacology unit). The prescription of painkillers was analyzed in patients on VKA followed at our level. The influence of these analgesics on the evolution of the INR is an important component in our work.

Results: We counted a total of 195 patients, of whom 32 (or 16.41% of the total population) had received analgesic treatment. The frequencies of different categories of analgesics administered were:

- Analgesics opioids: 0%
- Analgesics weak opioids: Tramadol: 21.87%
- The non-opioid analgesics: -AINS: 71.87% (indomethacin: 68.75% ibuprofen: 3.12%)
- Paracetamol: 6.25%
- Salicyles (Acetylsalicylic acid): 0%

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Adverse reaction of certain anti-inflammatory drugs

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Adverse reaction effects result not only from the authorized use of a medicinal product at normal doses, but also from medication errors and uses outside the terms of the marketing authorization, including the misuse and abuse of the medicinal product. In this proposed work, we would like to show the effects of certain anti-inflammatory drugs, by highlighting the type, the toxicity and the mechanism with examples. Furthermore, we present their hypersensitivity, medication interactions and forbidden consequences.

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