

Publication

Misleading score-lines on tablets : facilitated intake or fractional dosing?

JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

ID 433258

Author(s) Arnet, Isabelle; Hersberger, Kurt E.

Author(s) at UniBasel [Hersberger, Kurt](#) ; [Arnet, Isabelle](#) ;

Year 2010

Title Misleading score-lines on tablets : facilitated intake or fractional dosing?

Journal Swiss Medical Weekly

Volume 140

Number 7-8

Pages / Article-Number 105-10

Keywords tablet splitting, tablet fragmenting, score-line, scored tablets, fractional dosing, drug safety

We selected the tablets mentioned as "scored" in the Swiss Compendium Online and in the Drug Formulary of Basel University Hospital, and screened the corresponding SPCs and PLs for information on divisibility and fractional dosing. Missing information was obtained from the drug marketing licence holder.; The Swiss Compendium Online contained 698 different scored tablets whose SPCs mentioned fractional dosing for 43.8% and explicitly forbade it for 2.7%. The Hospital Drug Formulary indexed 188 items as scored tablets. The corresponding SPCs mentioned fractional dosing for 107 (59.4%) and a sentence forbidding it for 5 (2.8%). The manufacturers' answers permitted fractional dosing for 49 (27.2%) of the remaining tablets and forbade it for 19 (10.5%). Lack of dosage uniformity or presence of "historic decorative" score-lines were the reasons given.; For the majority of scored tablets the official sources of drug information contained no explicit indication on fractional dosing. Improvement of splitting information is necessary to avoid potential medication errors.

Publisher EMH Schweizerischer Arztverlag

ISSN/ISBN 1424-7860 ; 1424-3997

edoc-URL <http://edoc.unibas.ch/dok/A5841040>

Full Text on edoc Available;

Digital Object Identifier DOI 10.4414/smw.2010.12953

PubMed ID <http://www.ncbi.nlm.nih.gov/pubmed/20069474>

ISI-Number WOS:000274760500002

Document type (ISI) Journal Article