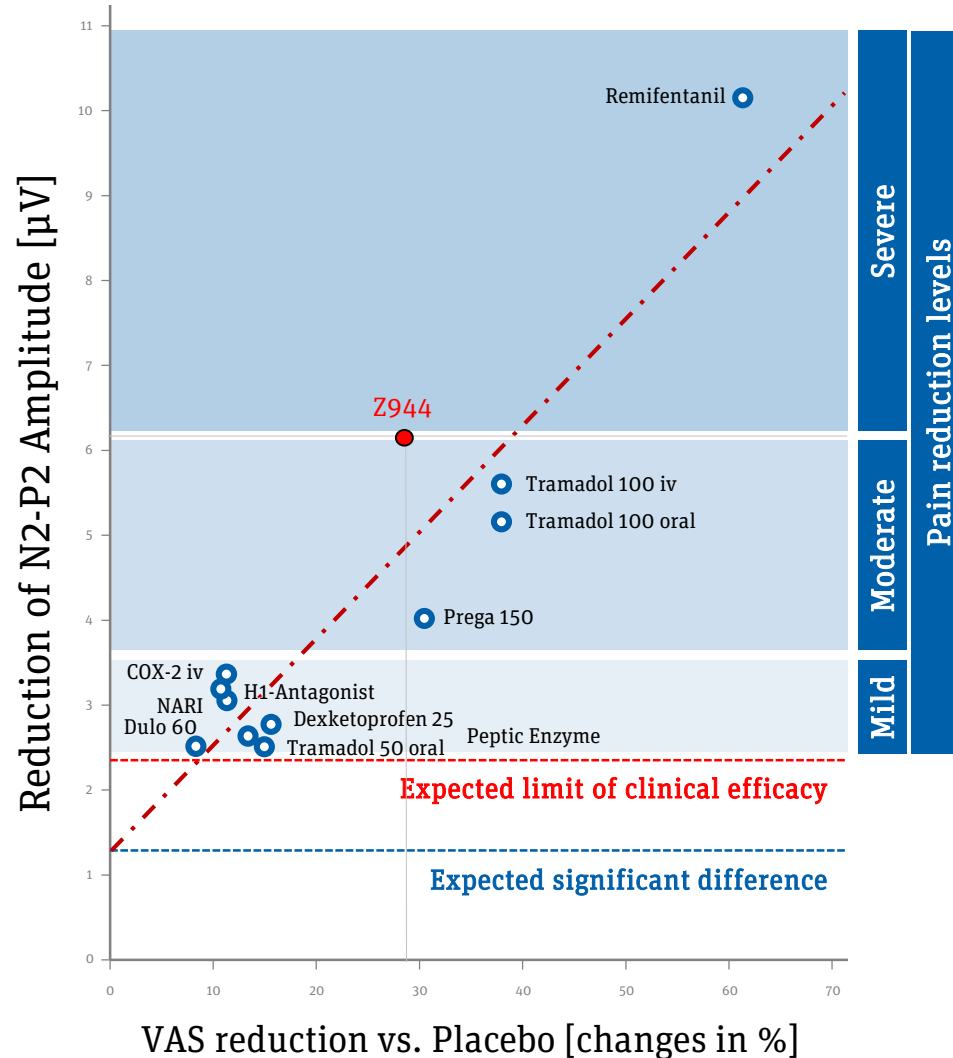


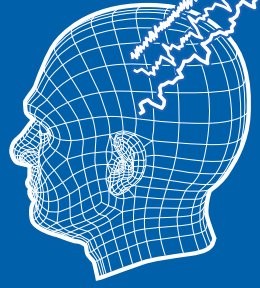
LEPs vs. VAS for analgesia classification

Effect clusters of common (SD) analgesics in **capsaicin hyperalgesia**



- A N2-P2 PtP-amplitude reduction of $> 2.3\mu\text{V}$ in LEP is achieved by clinically accepted analgesics/ **(re-)classification by effect level**
- LEP/VAS regression of analgesics in capsaicin hyperalgesia fits well with their clinical **“pain intensity domain”**

Drug effects on the different algesimetric parameters (LEP+VAS) correlate well up to a strong narcotic drug

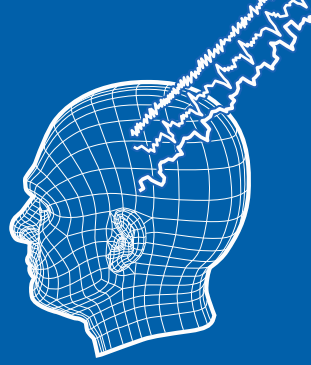


HPR

Human
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Research

LEPs vs. VAS for analgesia classification

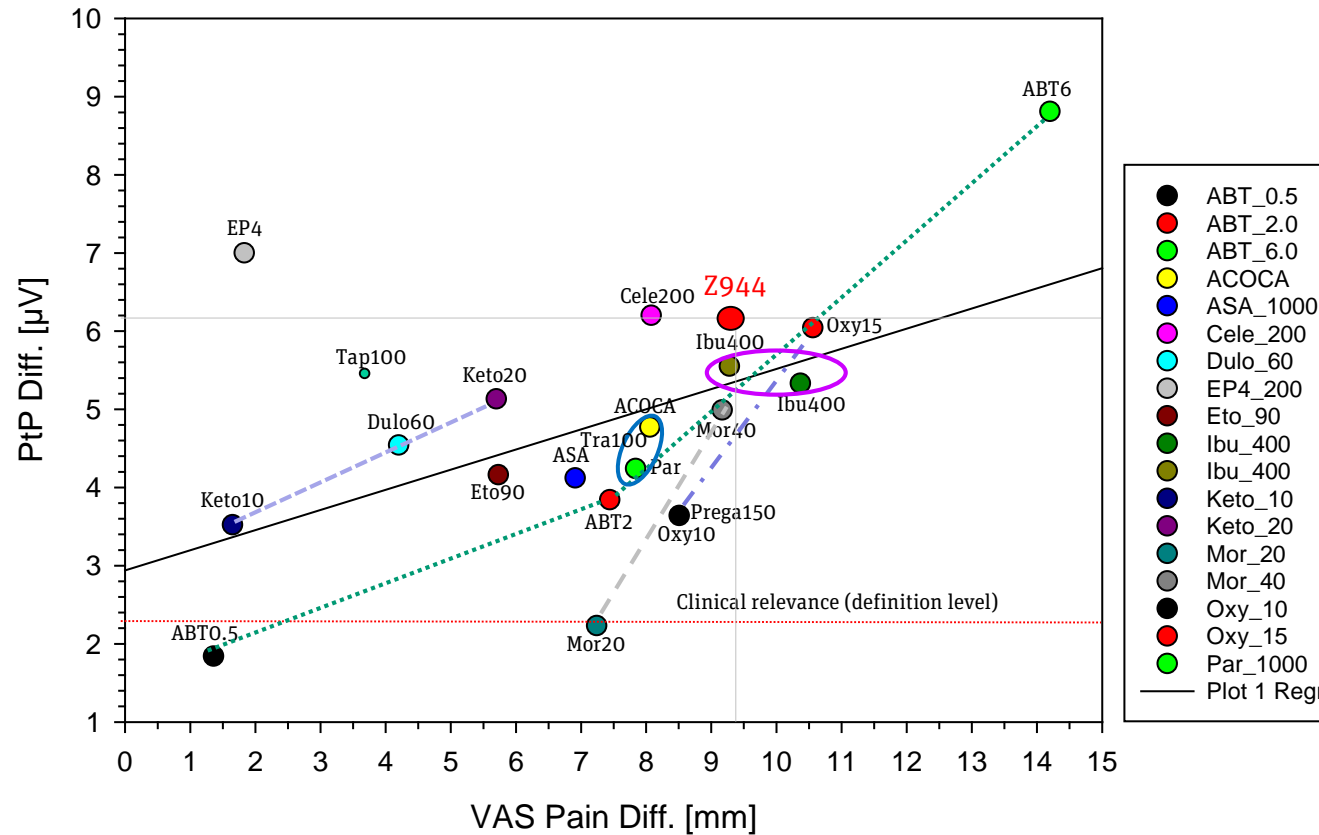
Effect clusters of common (SD) analgesics in UV_B hyperalgesia



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Regression UV-B Skin (Differences vs. Placebo) Single-dose
PtP-amplitude [μ V] vs. VAS "Post Laser Pain" [mm]



Different compound classes & their LEP PtP vs. VAS Pain score (differences vs. Placebo) on UV_B skin & some dose-dependencies