



AcetraFlex™

A Fast Acting, 12hr Duration Extended Release Formulation of Acetaminophen/Tramadol for Moderate to Severe Pain

The company:

Altus is a pharmaceutical company that co-develops Value Added Medicines with its partners. Each Altus product is backed by our robust patent portfolio.

Our products address unmet needs in the growing Pain/CNS market and include therapies for neuropathic pain, depression, schizophrenia and bipolar disorder.

The product:

AcetraFlex twice daily tablets are a fixed dose combination of 75mg of the weak opioid tramadol and 650mg of the fast acting COX inhibitor paracetamol (acetaminophen) formulated to:

- Maximize synergy between these trusted drugs
- Treat severe pain without large doses of strong opioid (opioid- sparing)
- Work rapidly
- Allow a full night's sleep and a pain-free day
- Avoid in vivo clumping (pharmacobezor)

AcetraFlex is approved in Europe (Dossier Available).

AcetraFlex can be supplied from Altus' EU partner or manufacturing can be transferred to partner facilities in Territory.

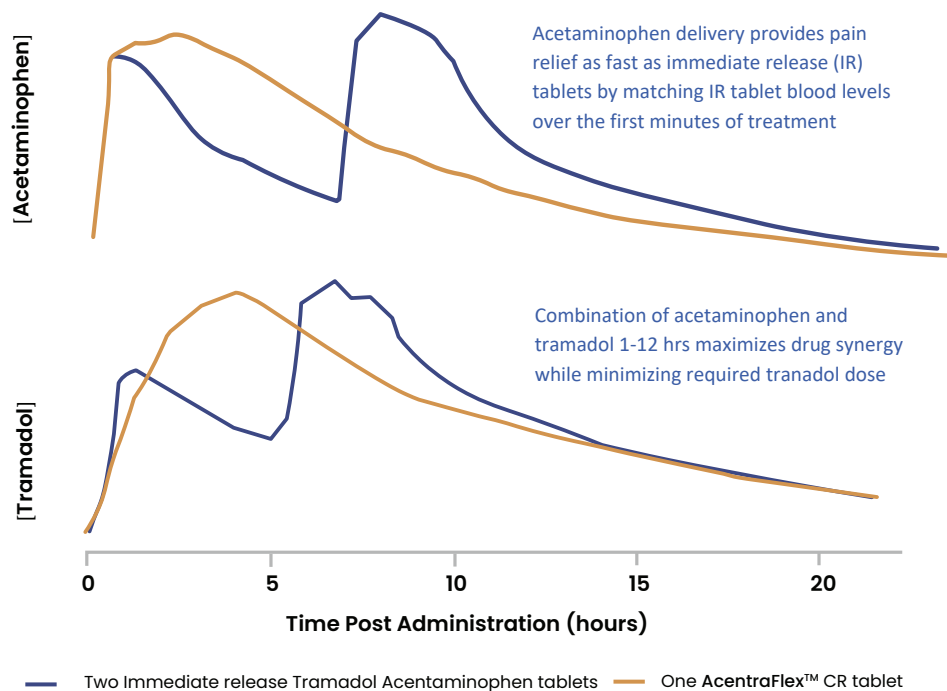
OPPORTUNITY

The global pain management market was estimated at \$74Bn in 2021 and will grow to \$98Bn by 2031- a CAGR of 3%

The aging global population, the increased prevalence of severe somatic, surgical and visceral pain and reluctance to prescribe long-acting strong opioids has created an unmet need for convenient, safe-to-use analgesics.

- Effective** : Analgesia demonstrated in 300-patient lower back pain Phase III study.
- Fast Acting**: Onset of meaningful analgesia as early as 40 minutes post dosing
- Convenient**: True twice daily dosing without remedication. Many patients required only one tablet over the 12hr dosing period.
- Safe**: All adverse events were minor.
- Opioid Sparing**: 12hr of relief from severe pain provided by only 75mg of tramadol vs. 200mg typically required
- Available for Licensing**: Altus is seeking commercialization partners in the USA, Latam and APAC.

Human PK | Pharmacokinetics (blood levels) of one AcetraFlex Tablet compared with 2 immediate release tramadol acetaminophen tablets taken at 0 and 6 hrs



Fast and sustained acetaminophen delivery ensures the **rapid analgesia of an immediate release tablet - with the benefits of twice daily dosing.** Combining acetaminophen with small amounts of slow-release tramadol minimizes tramadol blood concentrations (equal to IR tablet) while maintaining effective analgesia for **twice the time of the IR tablet.**

For more details please contact Beth Hickey
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