



Apimed's Pharmaceuticals  
Treating today to improve tomorrow

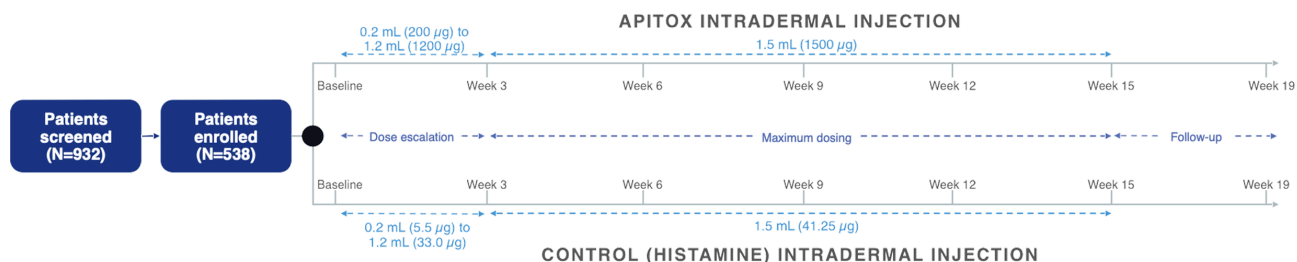
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# Clinical Results

## Apitox Was Rigorously Evaluated in a Phase 3 Trial

A Phase 3, multi-center, randomized, double-blind, parallel-group clinical trial evaluating Apitox in subjects with knee osteoarthritis



Key inclusion criteria

- Kellgren-Lawrence radiograph grade 1-3
- Score  $\geq 2$  on question no. 1 of WOMAC
- Use of chronic pain medication  $\geq 4$  days/week in the 28 days before screening

#### Key exclusion criteria

- Hypersensitivity to bee venom
- Positive skin test to bee venom
- Intraarticular hyaluronic acid, corticosteroids, or Synvisc
- Use of  $\beta$ -blockers, chronic oral antihistamines, or cytochrome P450 inhibitors
- Concurrent inflammation or injury to target knee

#### Primary endpoint

- Absolute change in WOMAC pain subscale score from baseline to Week 15

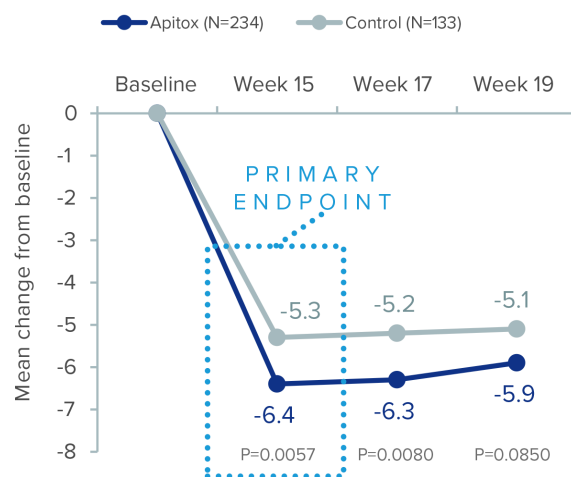
#### Secondary endpoint

- Absolute change in WOMAC physical function subscale score from baseline to Week 15

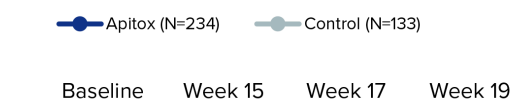
WOMAC=Western Ontario and McMaster Universities Osteoarthritis Index  
Conrad VJ, et al. J Altern Complement Med. 2019;25(8):845-855.

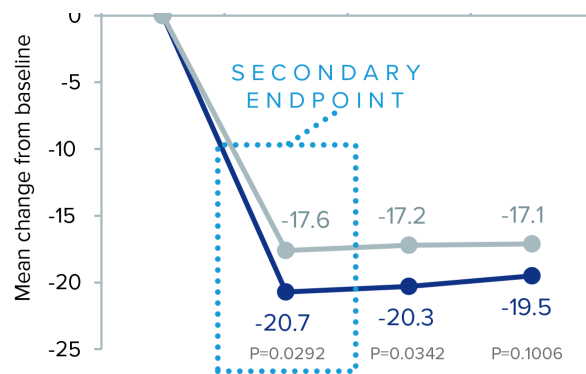
## Apitox Was Significantly More Efficacious Than Control Treatment at Week 15 and Through Week 19

### Change from baseline in WOMAC pain score

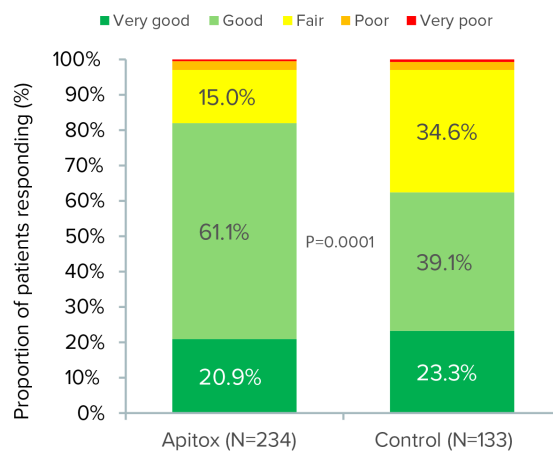


### Change from baseline in WOMAC physical function score





### Patient global assessment of knee osteoarthritis condition (Week 15)



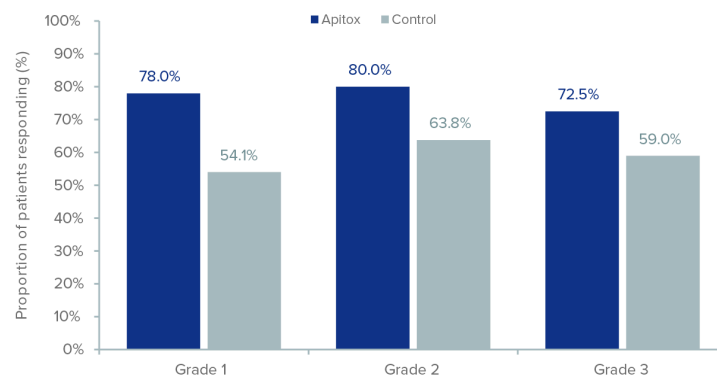
Efficacy outcomes achieved by Apitox at Week 15 were comparable to than those achieved with Synvisc-One, an FDA-approved hyaluronan viscosupplement intraarticular injection.

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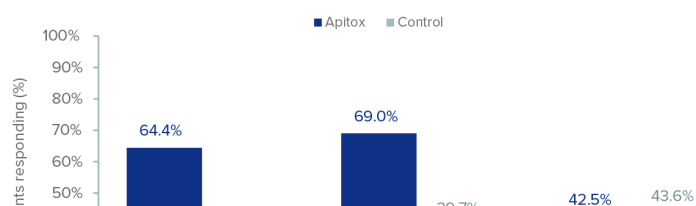
## Apitox Demonstrated Efficacy Across All Grades of Knee Osteoarthritis Severity

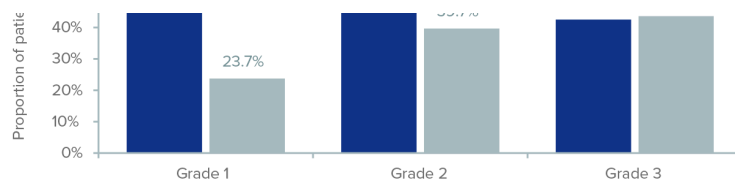
Rate of WOMAC physical function score response (Week 15)

### ≥40% improvement



### ≥60% improvement





All grades of knee osteoarthritis showed greater rates of clinical response in the Apitox arm at Week 15, including higher-severity patients who are the most likely candidates for knee replacement surgery.

*WOMAC=Western Ontario and McMaster Universities Osteoarthritis Index  
Apimeds Pharmaceuticals. Data on file.*



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