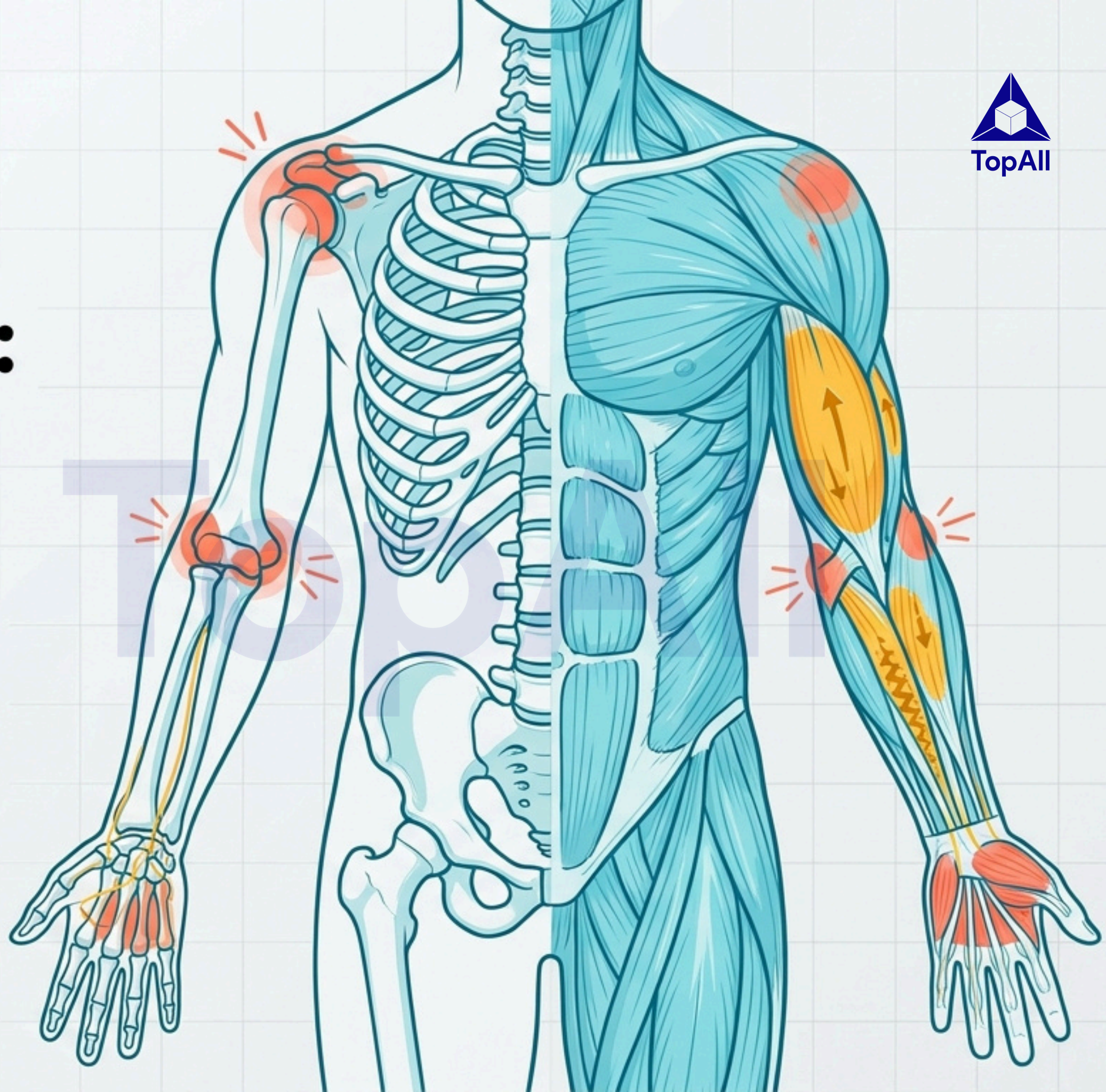


NEET Essentials: Movement Disorders

A Visual Diagnostic Atlas
for Section 17.5 (Muscular
& Skeletal Systems)



Myasthenia Gravis

The Trigger
Autoimmune disorder

The Site
Neuromuscular junction

The Impact

- **Fatigue**
- **Weakening**
- **Paralysis of skeletal muscle**



Muscular Dystrophy

The Trigger

Genetic disorder

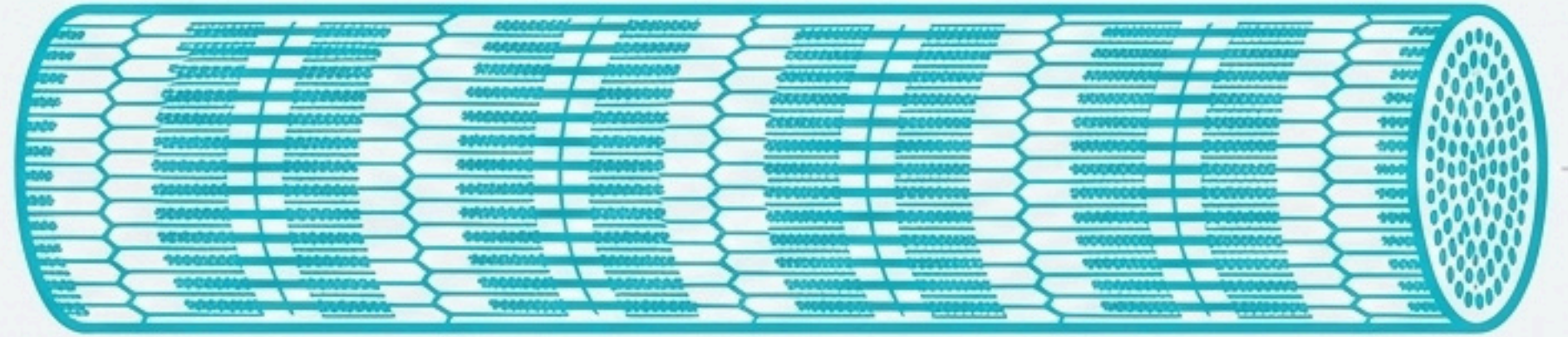
The Site

Skeletal muscle

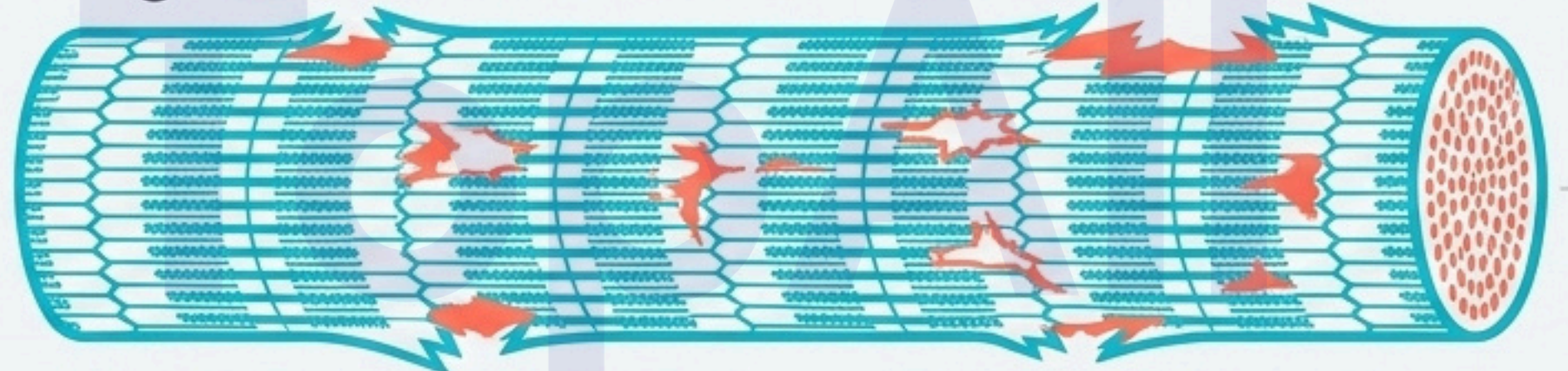
The Impact

Progressive degeneration

Stage 1



Stage 2



Stage 3





You've Learned the Theory. Let's Test Them Now.

$$E=mc^2$$



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- » Get Clear Explanations, Not Just Marks
- » Track Your Performance Smarter



Tetany

The Trigger

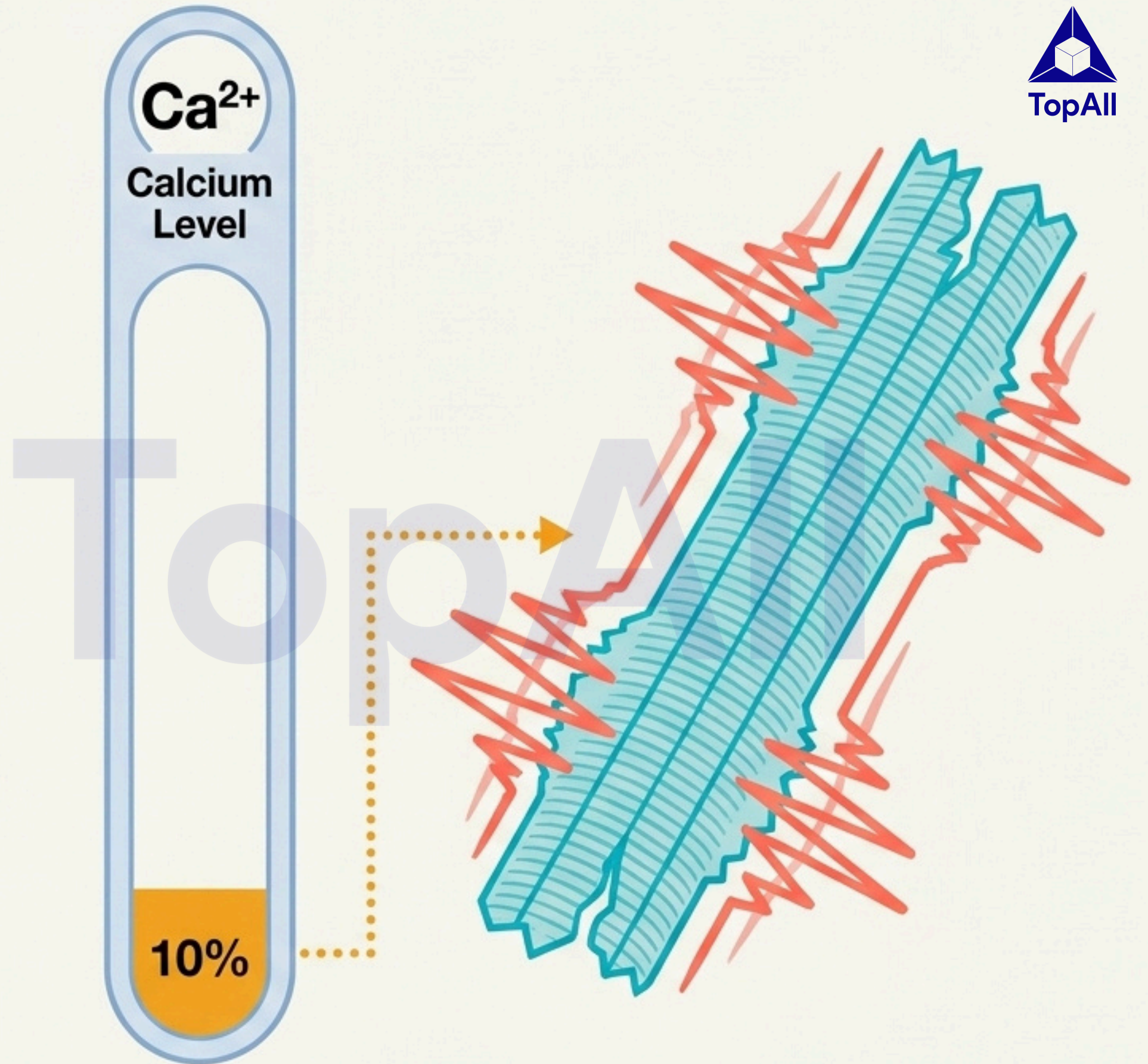
Low Ca^{2+} (in body fluid)

The Site

Muscle

The Impact

**Rapid spasms
(wild contractions)**



Arthritis

The Trigger

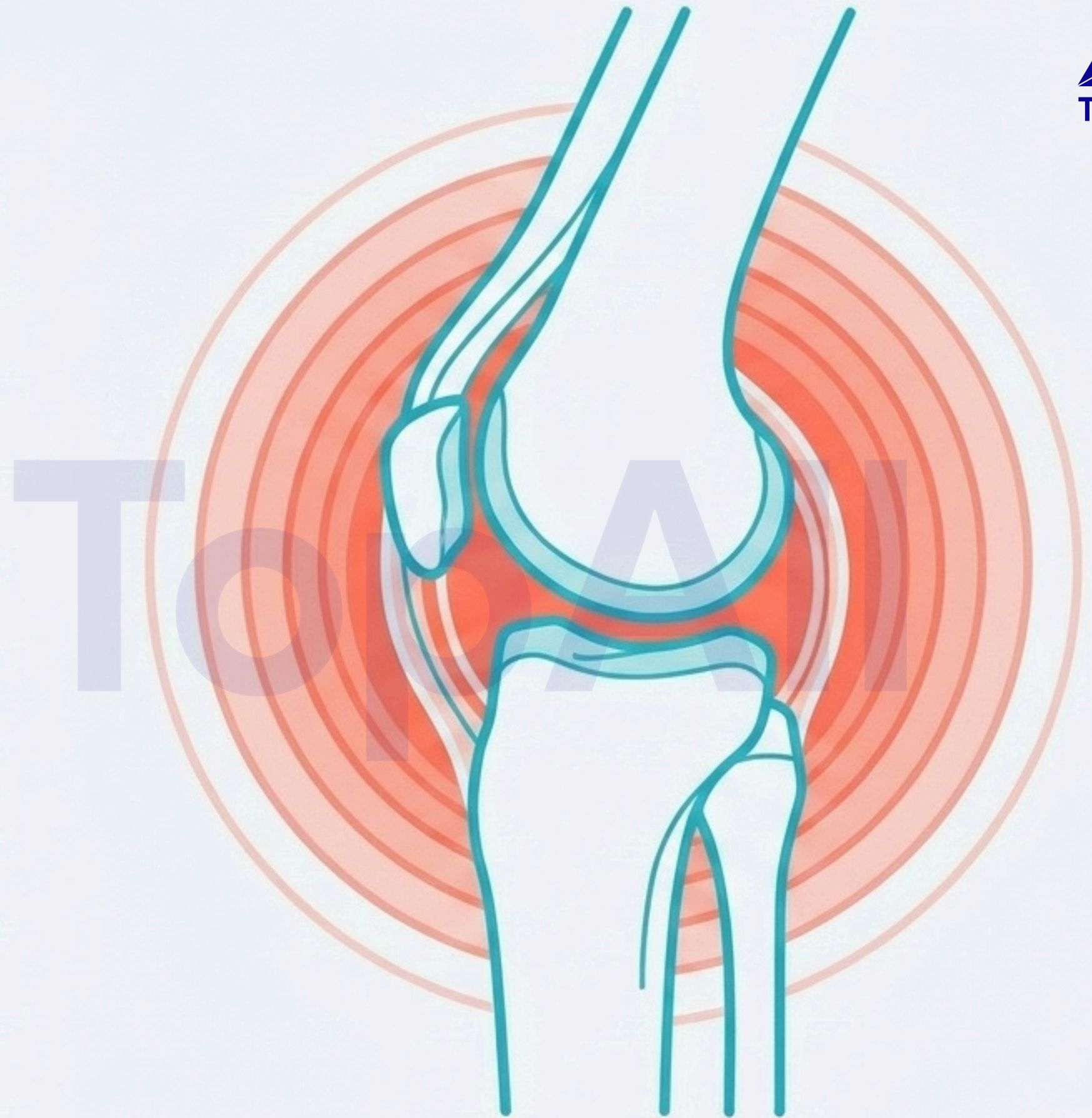
**Pathological wear /
Immune response**

The Site

Joints

The Impact

Inflammation



Osteoporosis

The Trigger

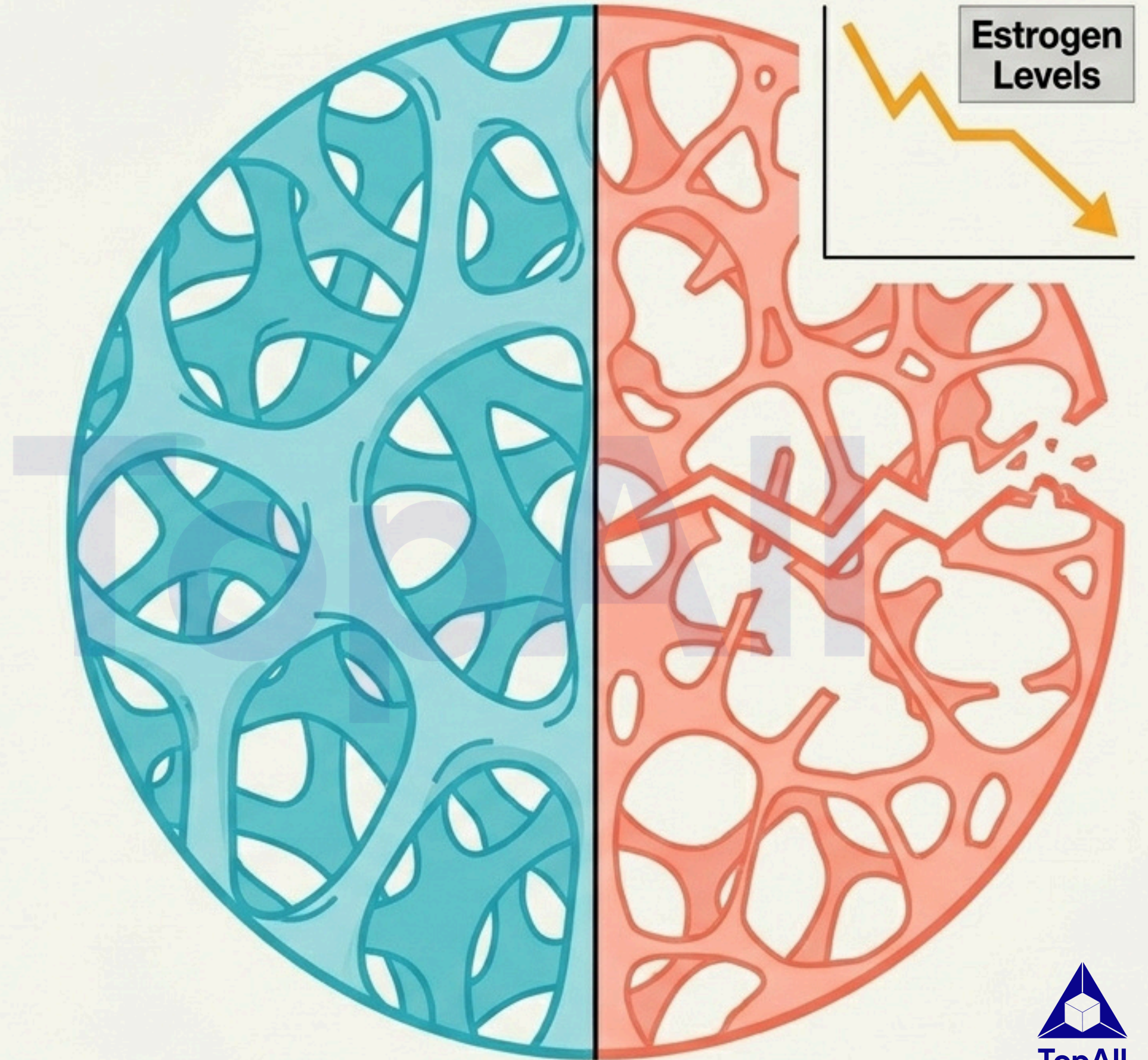
Age-related & Decreased Estrogen

The Site

Bone

The Impact

**Decreased bone mass
Increased chances of fractures**



Gout

The Trigger

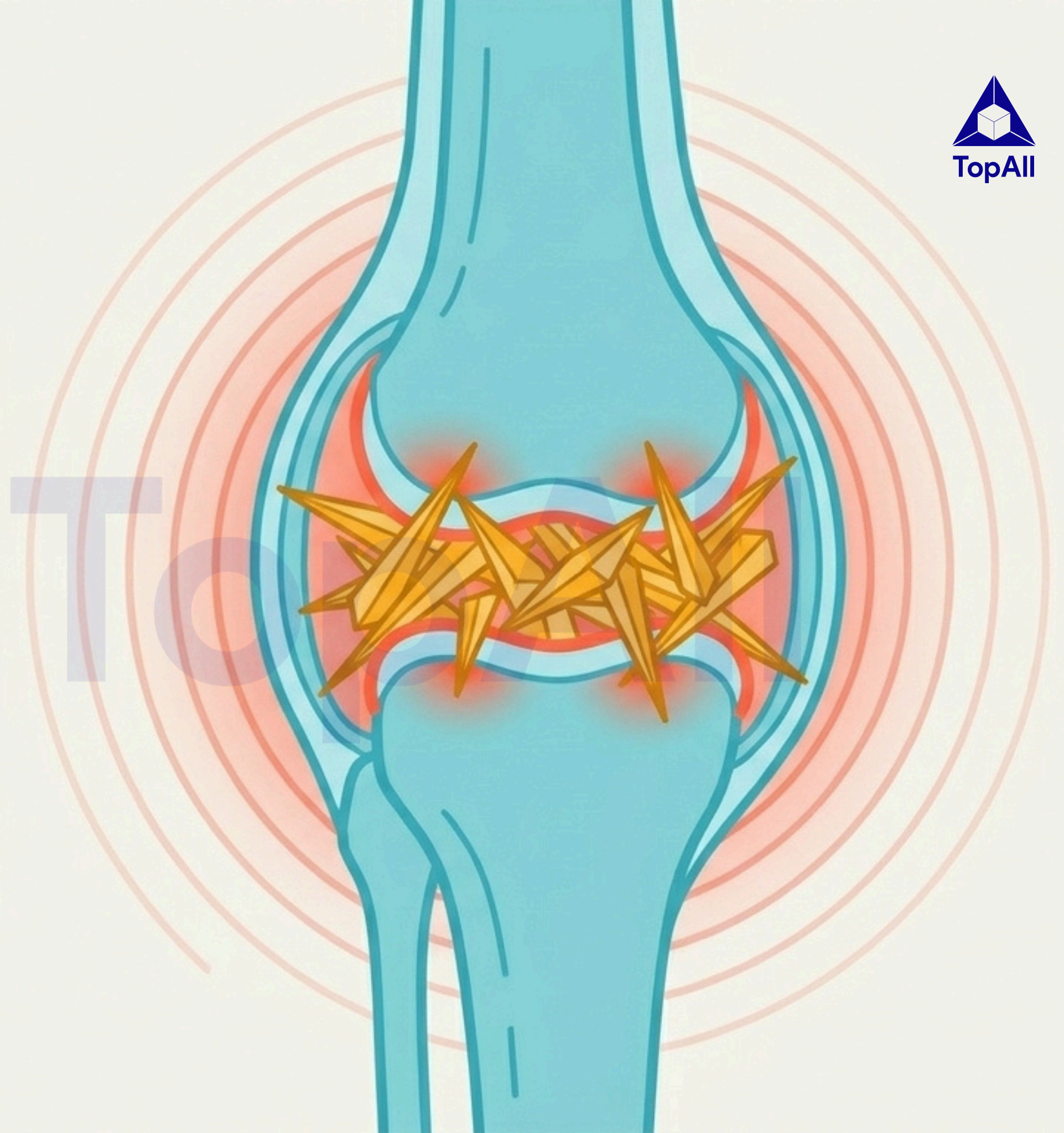
Accumulation of uric acid crystals

The Site

Joints

The Impact

Inflammation



Key Takeaway: Diagnostic Master Matrix



Muscle / Motor Unit

Myasthenia gravis

Autoimmune → NMJ Paralysis

Muscular dystrophy

Genetic → Degeneration

Tetany

Low Ca^{2+} → Wild Spasms



Bone

Osteoporosis

Age / Low Estrogen
→ Low Mass & Fractures



Joint

Arthritis

General → Inflammation

Gout

Uric Acid Crystals
→ Inflammation



You've Learned the Theory.

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