



focus

What if inflammation could be safely controlled and pain reduced by 65%?



Chronic inflammation is a **central driver of many conditions seen in daily practice** – from musculoskeletal pain and neuroinflammation to vascular and metabolic stress. While NSAIDs can be effective, their long-term use is often limited by gastrointestinal, renal or cardiovascular side effects.

What if there were a **safe way** to support inflammatory pathways and help patients reduce inflammation-related pain — without the typical side effects associated with long-term medication use?

CytoQuel® is a clinically researched nutraceutical formulation designed to support a balanced cytokine response and reduce inflammation-related discomfort.

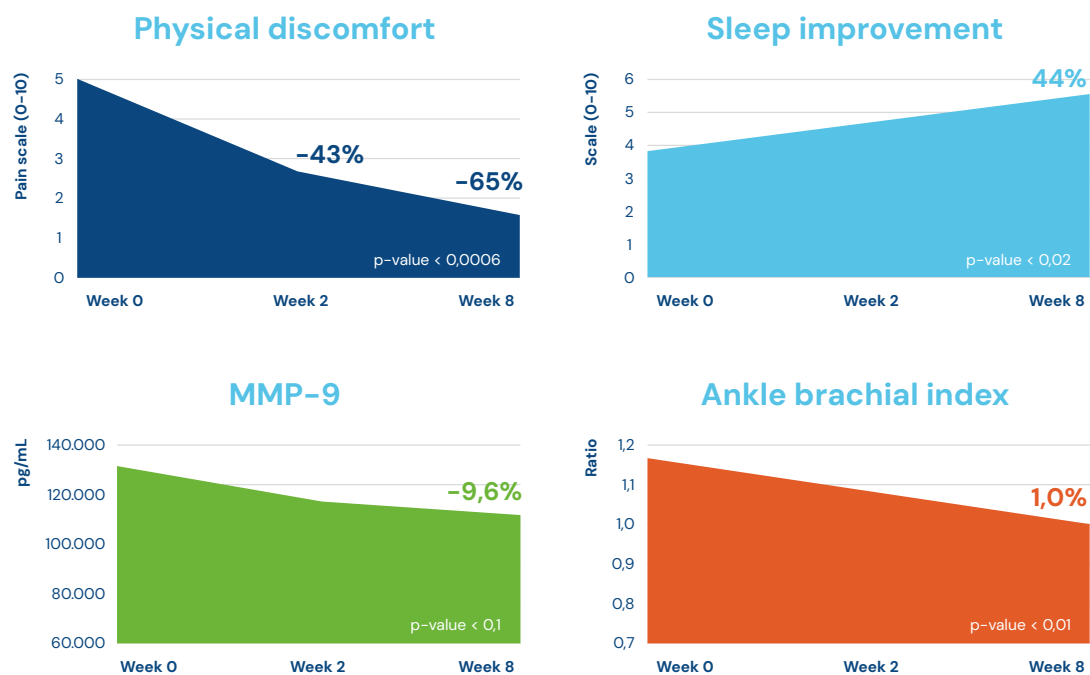
"Inflammation is the common denominator behind many forms of chronic pain."

Clinical research

In a published clinical study involving patients with chronic physical discomfort (>6 months), daily intake of CytoQuel® for 8 weeks resulted in:

- **65% reduction in pain scores**
- **Improved daily functioning and mobility**
- **44% improvement in sleep quality**
- **Improvements in vascular and inflammatory biomarkers including MMP-9, vWF, fibrinogen and IL-1ra**

These findings suggest that modulation of inflammatory signaling may translate into meaningful clinical improvements in pain and quality of life.



Journal of Pain Research (D Hamilton, G Jensen). Pain reduction and improved vascular health associated with daily consumption of an anti-inflammatory dietary supplement blend. J Pain Res. 2019; 12: 1497-1508.



CytoQuel®

Formulated to support healthy cytokine response

Mechanistic rationale

CytoQuel® combines several well-studied bioactive compounds that target key inflammatory pathways, particularly NF-κB mediated cytokine signaling:

CurcuWIN™ curcumin	Highly bioavailable curcumin supporting regulation of IL-6, IL-17 and inflammatory signaling
N-acetylcysteine (NAC)	Glutathione precursor with antioxidant and cytokine-modulating properties
EGCG-rich black tea extract	Supports regulation of TNF-α, IL-1β and NF-κB activity
DeltaGold® Tocotrienols	Potent vitamin E isoforms influencing inflammatory and oxidative pathways
Trans-Resveratrol	Polyphenol supporting endothelial and inflammatory balance

The combination was designed to act synergistically across oxidative stress, inflammatory signaling and vascular function.

Clinical applications

In clinical practice, CytoQuel® is frequently used as nutritional support in patients with:

- Chronic inflammatory pain
- Neuroinflammatory conditions
- Musculoskeletal complaints
- Post-infection inflammatory responses
- Herxheimer reactions during antimicrobial therapy

**"Control
inflammation,
reduce pain."**

Suggested intake

Week 1: 2 capsules daily with food

Week 2 and beyond:
3 capsules daily with food



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indication	Researched based anti-inflammatory formula for use in acute or chronic conditions Pain, inflammation and neuroinflammation Nutritional support to reduce severity of Herxheimer reactions		
dosage	Take 1 x 2 capsules per day with food during the first week In week 2 and beyond: take 1 x 3 capsules per day with food Don't take with other Vit E (Tocopherol)		
packaging	90 vegecapsules per container		
daily dose (based on 3 vegecaps)	CQ™ Blend: Black tea extract (50% EGCG) 600 mg N-acetylcysteine 600 mg CurcuWIN™ (Turmeric extract, molecular dispersion technology) 400 mg DeltaGold® Tocotrienols 150 mg Resveratrol (Natural Trans-Resveratrol) 100 mg		