By providing rapid action for joint comfort and flexibility, Univestin® is an innovative plant-based ingredient that meets key consumer needs.*

Joint flexibility–Clinically shown to promote joint flexibility within 3 days*

Joint comfort–Clinically shown to promote joint comfort within 5 days*

Range of motion–Clinically shown to support range of motion and physical function within 7 days*

Joint health–Supports joint health through a multi-pronged mechanism of action

Clinical trials–Backed by two randomized, double-blind human clinical trials

Proven safe–Proven safe through dozens of safety studies and long-term human consumption

Potent antioxidant–Provides potent antioxidant activity*

Overall wellbeing–Promotes healthy aging and overall wellbeing*

Guaranteed pure–Undergoes stringent QA processes for guaranteed purity and potency

Additional advantages for formulators

- Combines concentrated, standardized extracts from two botanicals with long-standing use
- Is backed by solid scientific research
- Uses an all-natural aqueous extraction process
- Small dosage size (250mg/day) = small pill
- Can be used as a free-standing product or blended with other ingredients
- Has completed dozens of safety tests for a wide range of bodily systems
- Maintains rigorous quality assurance protocols and complies with all GMO regulations
- Guards against adulteration by stringent raw materials testing and identification procedures

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Excellence inspired by science

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*These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease. These statements are presented for informational purposes only and are not intended to be presented to final consumers.

Joint health consumers want

- Fast results
- Long-lasting benefits
- Safe Ingredients

The Univestin® Triple Play provides

Accelerated action
Clinically proven to provide support as fast as 3 Days*

Lasting comfort
Proven comfort that lasts*

Long-Term safety
Extensive *in vivo* and *in vitro* safety testing*

Univestin® is a patented, natural joint-care ingredient clinically proven to support joint comfort, enhance flexibility and support mobility. Univestin® contains proprietary bioflavinoids derived from two well-known medical plants and can be used daily.

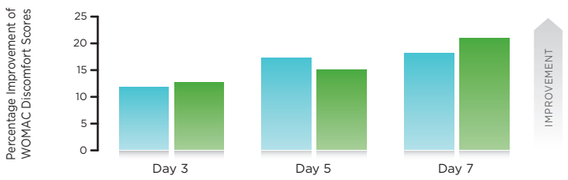
1 Accelerated action

WITH Univestin®, CONSUMERS FEEL RESULTS FAST.*

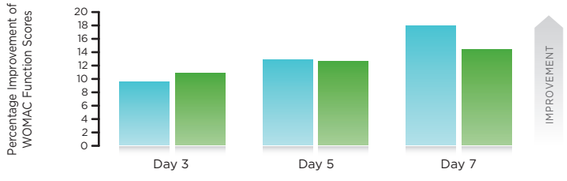
The product's multi-pronged mechanism of action (MOA) modulates multiple reactions at once. As a result, consumers experience flexibility and mobility more quickly.*

How fast does Univestin® work? A human clinical trial comparing Univestin® to an active control demonstrated that Univestin® delivers results in as few as 3 days.*

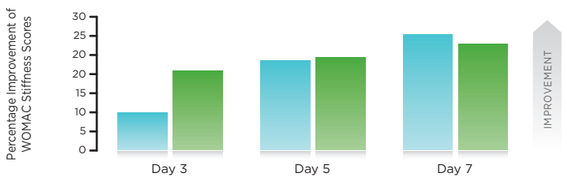
INCREASED JOINT COMFORT*



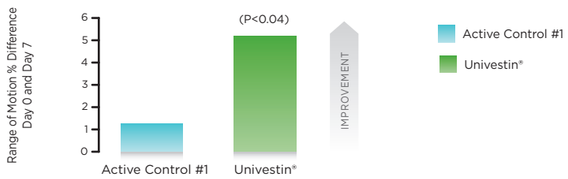
INCREASED JOINT FUNCTION*



IMPROVED FLEXIBILITY SCORES*



INCREASED RANGE OF MOTION*



2 Lasting comfort

PROMOTES COMFORT AND FLEXIBILITY; IMPROVES MOBILITY AND FUNCTION*

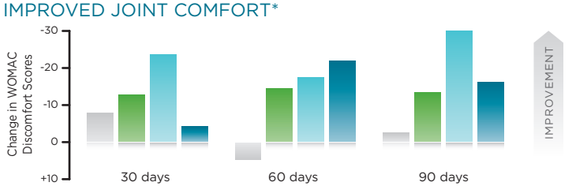
When it comes to joint health, consumers need a supplement they can continue to take on a recurring basis. Univestin's long-term effectiveness is backed by clinical results.

Do Univestin's results last? Univestin's continued efficacy has been clinically proven in a randomized, double-blind placebo-controlled 90-day trial.* Univestin® was compared to both a placebo and an active control through WOMAC scores for:

- Joint comfort
- Flexibility and mobility
- Physical function

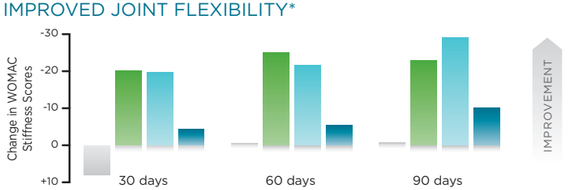
Measures in all three areas showed improvements that increased from the 30-day marker all the way to the 90-day marker.*

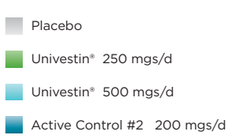
IMPROVED JOINT COMFORT*



IMPROVED JOINT FUNCTION*

IMPROVED JOINT FLEXIBILITY*





3 Long-term safety

THINK CONSUMERS WANT SAFE INGREDIENTS? YOU BET.

Concerned consumers are seeking natural joint-health solutions that have been proven safe for long-term use.

Long-term safety. Univestin® satisfies their concerns.*

- Extensive safety testing with animals and healthy humans
- Large, double-blind, placebo-controlled trials
- High safety scores for all tested biomarkers

A technologically smart start

The PhytoLogix® edge

Univestin's unique formulation was developed through Unigen's proprietary PhytoLogix® technology platform. This proprietary informatics database contains comprehensive botanical profiles on over 12,000 plants and data on more than 300,000 HTP fractions. Unigen scientists used these profiles to identify two plants, Scutellaria baicalensis and Acacia catechu, whose actives delivered the most effective joint-health support in *in vitro* cell assays.*

Sourced from two trusted botanicals

Scutellaria baicalensis

Scutellaria baicalensis is one of the top 20 herbs used in Traditional Chinese Medicine (TCM). The root contains the Free-B-ring flavonoid baicalin, the compound that demonstrated the most potent free-radical scavenging and ability to maintain healthy joints.*

Acacia catechu

Acacia catechu is a plant with a long history of use in both traditional and Ayurvedic medicine. The bark contains catechin, a powerful antioxidant that demonstrated support of the body's natural inflammatory response.*

Effectiveness just multiplied

Univestin® addresses multiple pathways all at once

Failure to suport joint health may cause a complex cascading reaction in the joints. This cascade of effects includes an increase of:

- COX 1 & 2 enzyme activity
- 5-LOX enzyme activity
- Oxidative stress
- Reactive Oxygen Species (ROS)
- Free radical production
- Messenger compounds, including prostaglandins

Univestin's multi-channel approach

Many joint health ingredients attempt to tamp down the body's natural "reaction cascade" by addressing a single mechanism of action (MOA).

Research has shown that the body often adjusts to such single-channel solutions by initiating activity in other channels. Univestin® has a multi-channel approach. Its' patented combination of flavonoid-enriched plant extracts has been clinically shown to balance activity across multiple "prongs" of the reaction cascade, including:

- Modulating parallel enzymatic pathways (COX and LOX) that result in increased joint health support*
- Increasing antioxidant activity, which neutralizes ROS production and oxidative stress*
- Helping regulate gene expression, which ramps up the body's natural cartilage production process*

Quality is control

We exceed expectations and regulations

We earn our customers trust with every shipment. Pioneering new methods and processes, Unigen guards against adulteration and ensure the potency of all our end products. Quality control processes include:

- High-performance thin-layer chromatographic fingerprinting (HPTLC)
- Quality administration
- Raw materials controls
- Manufacturing process controls
- Product controls
- Regulatory compliance to meet cGMP requirements