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ARQuol, unlocking balance in androgen-related conditions



The combination of two well-documented bioactive compounds has demonstrated synergistic efficacy in addressing androgen-related disorders.

Aberrant androgen signaling, particularly through dihydrotestosterone (DHT), plays a central role in the pathophysiology of various conditions, including androgenetic alopecia, benign prostatic hyperplasia (BPH), and hormonally driven dermatological disorders. Sustained elevated androgen activity contributes to tissue remodeling, chronic inflammation, and disrupted regenerative processes.

ARQuol offers a scientifically designed intervention to restore hormonal balance in androgen-sensitive tissues.

This formulation harnesses two potent bioactive compounds — **Equol** and **activated Broccoraphanin (Sulforaphane)** — to modulate critical pathways involved in androgen metabolism, receptor signaling, and inflammatory control.

Clinical applications

- **Androgenetic alopecia**
Preserving follicular structure by attenuating androgenic effects.
 - **Benign prostatic hyperplasia (BPH)**
Supporting prostate tissue homeostasis by regulating hormonal and inflammatory pathways.
 - **Hormonal acne and sebaceous gland dysregulation**
Reducing excessive sebum production and cutaneous inflammation.
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Mechanisms of action

- Enhancement of DHT catabolism through enzymatic induction
 - Inhibition of DHT-AR complex formation
 - Selective activation of ER β -mediated protective signaling
 - Upregulation of antioxidant and anti-inflammatory pathways (Nrf2 activation)
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Targeted actions of ARQuol's active components

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| Equol | <ul style="list-style-type: none">• Binds free DHT, neutralizing its biological activity.• Prevents DHT from activating androgen receptors (AR) in target tissues.• Selectively activates ERβ to exert anti-inflammatory and anti-proliferative effects.• Modulates androgen pathways without suppressing systemic testosterone levels. |
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| Activated Broccoraphanin (Sulforaphane) | <ul style="list-style-type: none">• Stimulates hepatic 3α-HSD enzyme, accelerating DHT degradation.• Activates Nrf2 antioxidant defenses, protecting cells against oxidative damage.• Reduces pro-inflammatory cytokines (TNF-α, IL-6), promoting a healthier tissue microenvironment.• Supports Wnt/β-catenin signaling, essential for maintaining follicular and epithelial integrity. |
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ARQuol

Restoring balance
at the core of
androgen-driven
dysfunctions with
precision and safety.

indication	Androgenetic alopecia: Preserving follicular structure by attenuating androgenic effects Benign prostatic hyperplasia (BPH): Supporting prostate tissue homeostasis by regulating hormonal and inflammatory pathways Hormonal acne and sebaceous gland dysregulation: Reducing excessive sebum production and cutaneous inflammation	
dosage	Take 1 capsule 30 minutes before breakfast each day	
packaging	60 DR-caps per container	
daily dose (based on 1 DR-caps)	Broccoraphanin activated (Sulforaphane) Equol	200 mg 12 mg