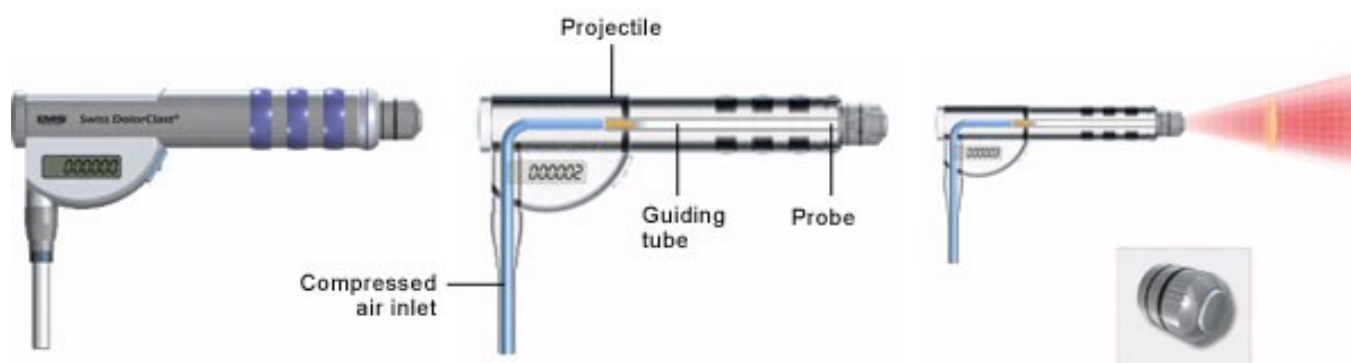


Extracorporeal Shockwave Therapy (ESWT)

Extracorporeal Shockwave Therapy (ESWT) is the name given to a treatment form that involves shockwaves being passed through the skin to the injured part of the body. ESWT has been reviewed by the National Institute for Health and Clinical Excellence (NICE) in the UK and has been approved by the Food and Drug Administration (FDA) in the USA.



The shockwaves that are produced by the device are generated by a projectile that is propelled at high speed inside a hand-held applicator. When the applicator is placed on the surface of the skin - together with a 'coupling medium' such as ultrasound gel - the impulses are delivered as a shockwave that spreads inside the injured part of the body as a spherical 'radial' wave.

Passing radial shockwaves through the surface of the skin initiates an inflammation-like response in the injured tissue that is being treated. This prompts the body to respond naturally by increasing blood circulation, the number of blood vessels and therefore metabolism in the injured tissue. This accelerates the body's natural healing process by increasing cell generation and dissolving calcium deposits.