

## New Branch of Medicine



It is about 40 years since the first non-invasive surgery. Sudden bursts of sound, translated from German into English as shockwaves, were aimed at kidney stones to disintegrate them so that the particles could pass through the urinary tract without surgery. This technology is now standard procedure world-wide. Moreover, the millions of patients have had high energy shockwaves aimed into their kidneys and suffered no side effects. This is important when we look at other applications for shockwaves. Forty years and millions of patients is a good survey.

Walk from the urology department into other areas of the hospital to talk about shockwaves and you can be greeted with scepticism. That bone healing is caused by shockwaves is being accepted by the orthopaedics. Sports medicine physiotherapists are beginning to understand its uses although remain confused by the difference between a real shockwave and a pneumatic massage machine. Try to get them to heal wounds and there is total disbelief.

There is no Pain Department in a hospital. All medicine, you might say, is about curing pain. And yet the readiness to try shockwaves on a painful shoulder or knee is amazing, even from a tissue viability nurse who will not use shockwaves on a non-healing wound until the vascular surgeon has confirmed it is safe. What's the thinking? The ultimate cure is amputation? An amputation, as we all know, seldom removes the infection.

Destroy a kidney stone and you can see it break up on the X-ray. Kill bacteria with shockwaves and it is too small to see. The action is the same, mechanical, no side-effects.

All doctors are trained to use pharmaceuticals; use one poison to kill another.

Regulators are trained to look out for the side effects. All medicine, they say, has side effects. A medicine is either useless and fraudulent or dangerous with unknown side effects. They do not want another Thalidomide.

The only way to get the doctors and regulators to understand shockwaves is to explain that this is a new branch of medicine. Please see the attached article. History is being made.

As a young doctor in Germany who is now using CellSonic for wound healing has said, **“To not use shockwaves is unethical.”**

One of his patients had a non-healing wound of 4 square centimetres. After only one treatment it completely healed in four weeks; no drugs, no side effects, no pain.

Large wounds are healing almost without scars. Stem cells are caused to migrate to the wound site. Drugs can never make that happen.

Regards  
Andrew



The CellSonic exhibition stand at Arab Health in Dubai, January 2014