

ALPHA AL-5 ESWL Lithotripter

Using Ultrasound Locating System



***Power, accuracy,
Latest technology, safety...
... at your fingertip***

with Exclusive “High Fragmentation Shock Head”

The years of experience accumulated in manufacturing ESWL (Extra Corporeal Shock Wave Lithotripters) coupled with Resurch & Development together with our parameters, led us to produce the highest success rate / highest stone free rate ESWL lithotripter in the world. (98% stone free rate) - while protecting the Kidney.

98 %
Stone Free Rate

While

protecting the Kidney

**Highest success rate
and highest stone free rate
ESWL lithotripter**



SUPERIOR TECHNOLOGY

Alpha AL-5 is Forth Generation ESWL Lithotripter, using the latest Electromagnetic Technology, and High Fragmentation Shock-Head technology to create a very efficient system for lithotripsy.

The Main Unit is a fully integrated system with Integrated therapy table & Ultrasound probe arm system.

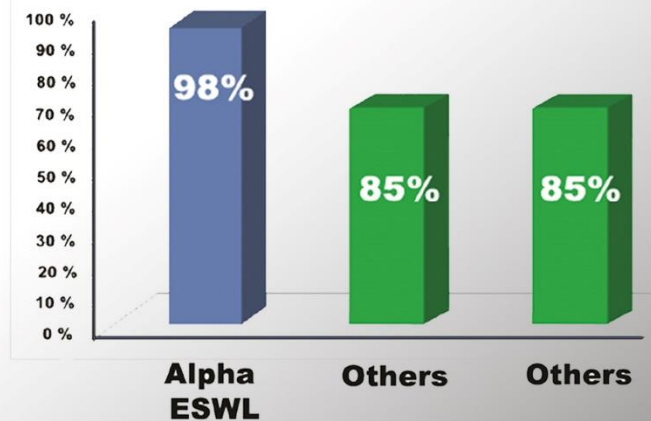


STONE FREE RATE OF 98% (in one sitting) THE FINEST AND SAFEST FRAGMENTATION

The attributes to look for in modern shockwave technology are not only the ability to fragment stones, but more critically, the ability to do so in a single sitting without the patient returning for re-treatment and also to avoid Kidney Damage.

The unique High Fragmentation Shock Head utilized in the Alpha Lithotripter is endowed with just the right combination of high pressure and focal size to pulverize stones efficiently and safely into fragments small enough to be eliminated naturally.

Stone Free Rate



HIGH FRAGMENTATION - SHOCK HEAD

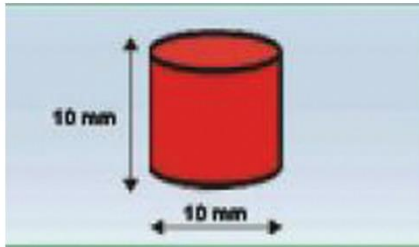
The secret of Alpha -ESWL Lithotripters is its Exclusive High Fragmentation shock Head that delivers efficient, consistent, & reliable energy. The High Fragmentation Shock Head ensures unsurpassed stone free rate of 98% (in one sitting) - while protecting the Kidney at all times.

The Exclusive EM Protective Shield placed inside the Shock Head protects the Kidney and patient from EM Radiation while breaking the Kidney Stone successfully. Only Alpha ESWL provides this protection to the patient.



EVIDENCE OF FINER FRAGMENTATION - Achieved with fewer shocks.

The comparison below shows the residual fragments after the in-vitro fragmentation of a Test Stone (left) using the Alpha High Fragmentation Shock Head.



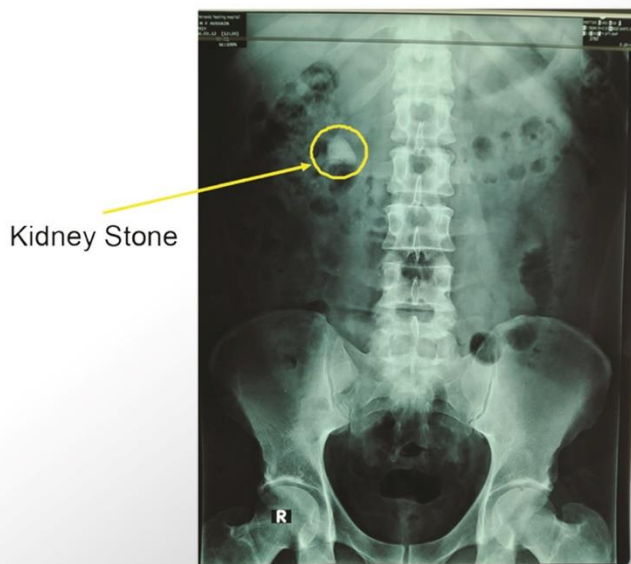
Sample Stone



Residual fragments of a hard brick stone after shockwaves with the High Fragmentation Shock Head (only 738 shocks)

X-Ray Image Before and After

**Other ESWL machines can break Kidney stones only up to 800 HU value Density.
Alpha ESWL can break stones over 1000 HU value Density.**



Kidney Stone

Before

X-ray Image of Male / 41 Years
Right Kidney Stone with a
1068 HU value Density in the CT Scan



After Alpha ESWL

X-ray image after 3 months
shows right Kidney completely free
of Kidney Stone

PRECISE ALIGNMENT

The risk of miss-alignment is avoided with the fully integrated shock source and Ultrasound locating arm, making set-up fast and reliable.

The Isocentric movements of the imaging Ultrasound Arm fixed to the therapy head, ensures precise stone localization.

The Alpha AL-5 system's isocentric design allows both the shockwave and Ultrasound wave to revolve around a single point. This ensures precise alignment of the targeting system and the shockwave focus at all times.

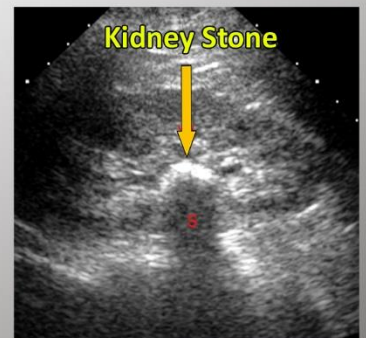


MOTORIZED ULTRASOUND PROBE ARM SYSTEM

The Motorized Ultrasound probe arm is designed to house the ultrasound probe firmly, and rotates around the shock head to facilitate the best angle allowing visualization of stones from various positions.



Ultrasound Image



ULTRASOUND LOCALIZATION SYSTEM

- Also able to localize and break calculi by Ultrasound.
- Integrated Ultrasound Probe Arm provided
- Ultrasound localization probe arm is fixed to the Shock head and rotates freely around the Shock Head.

THERAPY TABLE

The therapy table is fixed to the main system and helps to comfortably place the patient while the procedure takes place



Testimonials of our customers

Dr. A. Pethiyagoda
Specialist Urologist (MS, FRCS (Edin).

I am impressed to see that the Alpha ESWL Lithotripter shows a very high success rate and stone free rate in our patients in one sitting.

This is a very high success rate compared to other ESWL lithotripters in the market.



P.U. Fernando (ESWL Operator)
(Colombo National Hospital ESWL Department)

I have many years of experience performing ESWL, and up to now I have performed more than 15,000 ESWL procedures. I work both with Alpha ESWL machine and a German ESWL machine. Our observation is - the Alpha ESWL has a far better stone breaking ability than the other German ESWL we work with. I have successfully broken Kidney and upper ureter stones with the Alpha ESWL machine, that the German ESWL Machine could not break. Xray images and patient clinical reports are available on this respect.

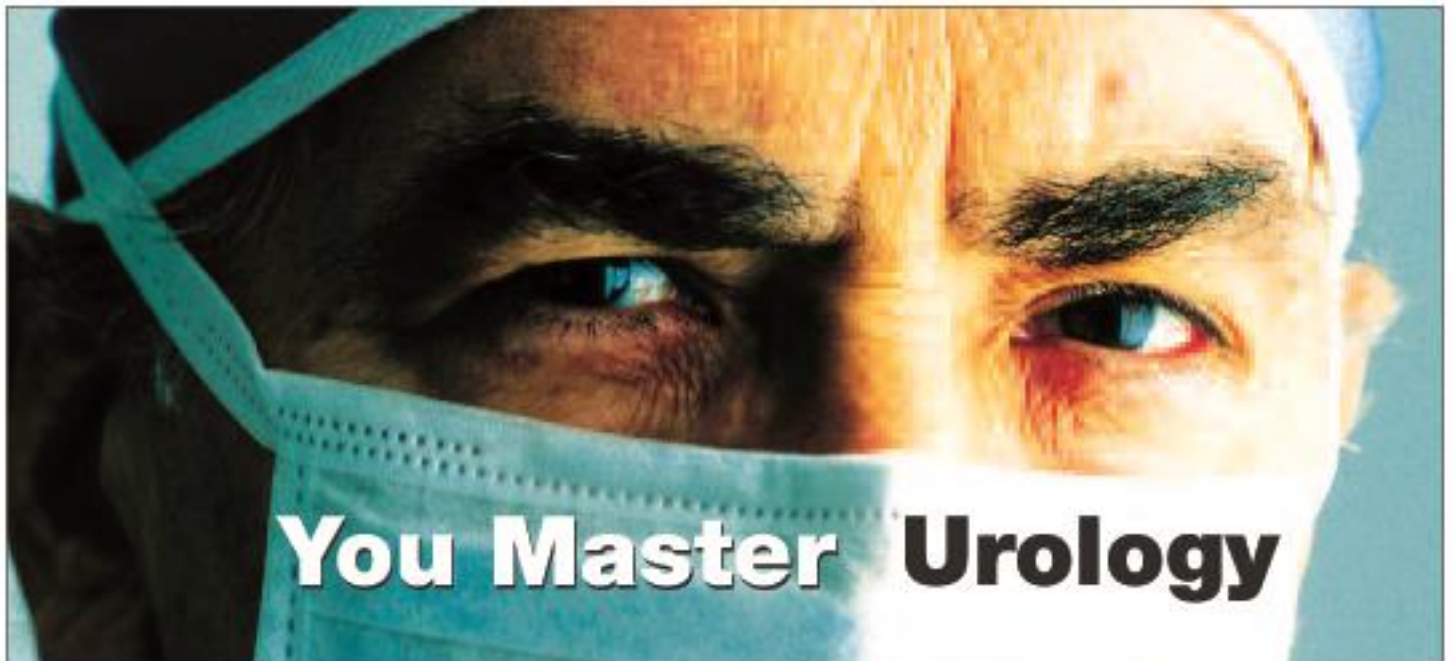


H. Ranasinghe (ESWL Operator)
(Kandy Hospital ESWL Department)

I work with the Alpha ESWL lithotripter and also with an expensive German Lithotripter. My observation is that the Alpha ESWL lithotripter has shown 98% success rate and stone free rate in our patients (in one sitting).

This I observed is far greater than the other ESWL machines that I work with which has about 85% success rate and stone free rate.





You Master Urology

We Master

ESWL

Email us or Call us for a quotation or Demonstration

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