

# Rittal – Case Study



## The Power in Sound



The power of nephrolith therapy indeed lies in sound. Many patients may remember the old way to remove algogenic nephroliths. By developing the first lithotripter and its successful follow-up models, Dornier MedTech, a pioneer and market leader in urology,

revolutionized this market more than one time since the 1980s.

The lithotripter is a device that destroys the painful nephroliths by means of shockwaves. In the majority of cases, an operation can be avoided since the kidney stone is then flushed out completely of the body in a natural way. Today almost 90% of all nephroliths can be treated with this method. With the very successful model, Dornier Compact Delta II, Dornier offers a lithotripter for mobile use with integral x-ray unit for locating the nephroliths. With regard to the accommodation of complex control and monitoring elec-

tronics, Rittal was considered to meet the high requirements and delivered a 482.6 mm (19") subrack. Already during the design stage of the *Dornier Compact Delta II*, Rittal supported in words and deeds. So an EMC design was chosen to ensure effective protection against electromagnetic interference and to prevent the sensitive electronics from damage.

Rittal GmbH & Co. KG • P.O. Box 1662 • D-35726 Herborn  
Phone +49(0)2772 505-0 • Fax +49(0)2772 505-2319 • eMail: info@rittal.de • www.rittal.de

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