

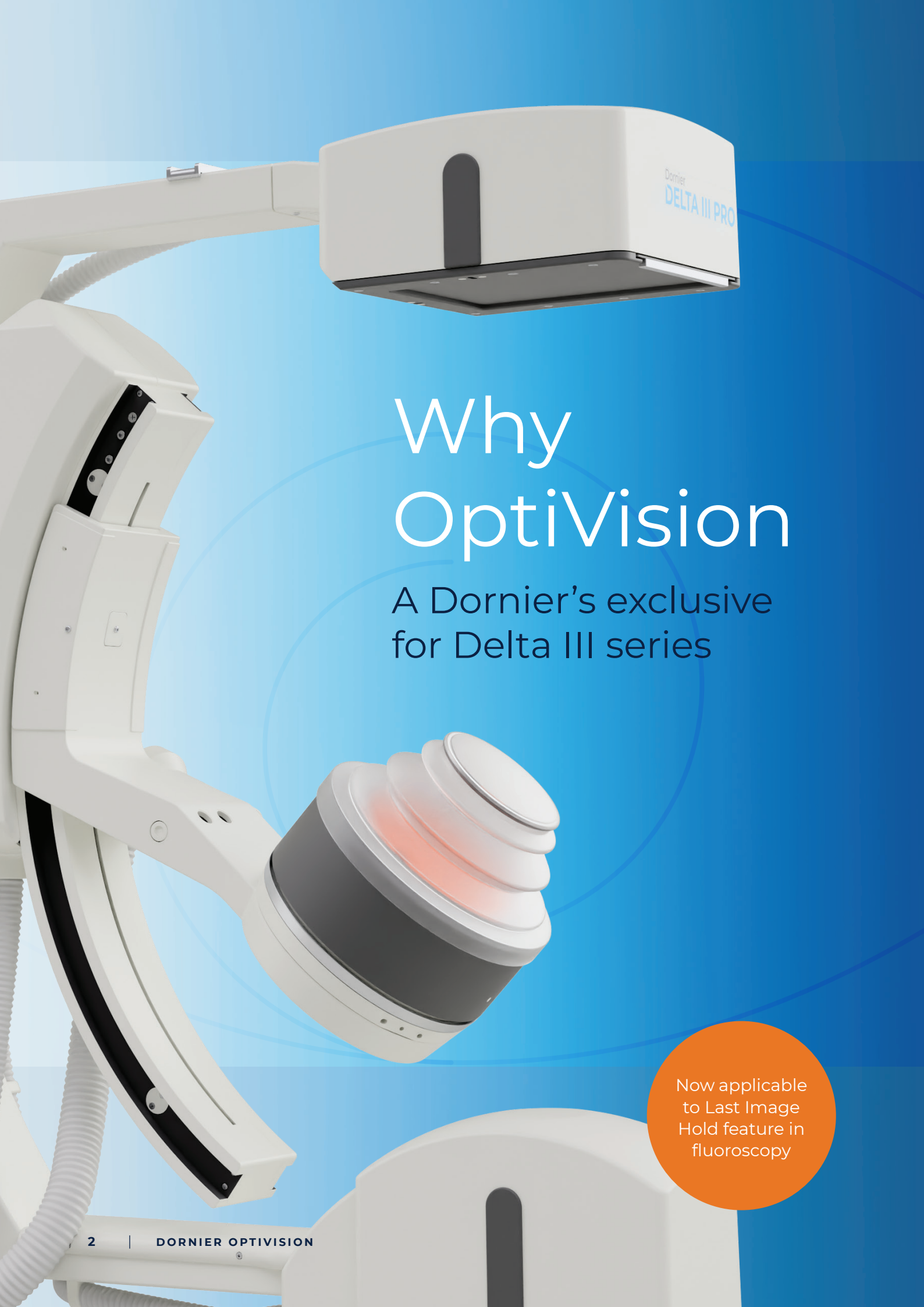


DORNIER OPTIVISION

See the stone.
Break the stone.



Dornier MedTech



Dornier
DELTA III PRO

Why OptiVision

A Dornier's exclusive
for Delta III series

Now applicable
to Last Image
Hold feature in
fluoroscopy

The perfect image-processing solution for urology



Impressive clarity in difficult cases

Optimizes suboptimal imaging in challenging clinical scenarios involving obese patients, intestinal gas, or bony structure overlays.



Clear imaging of stone disintegration after treatment

Facilitates effective follow-up treatments and diagnoses through better verification of procedure success.



More details without additional radiation exposure

Enhances captured X-ray images in both Fluoroscopy (Last Image Hold) and Snapshot without further exposure to radiation.



Balanced presentation of tissue & bone structure

Further refines visual information by using an intelligent algorithm to analyze noise, brightness, and contrast levels.



One-click Operation

With just one click, OptiVision automatically minimizes noise while maximizing details.

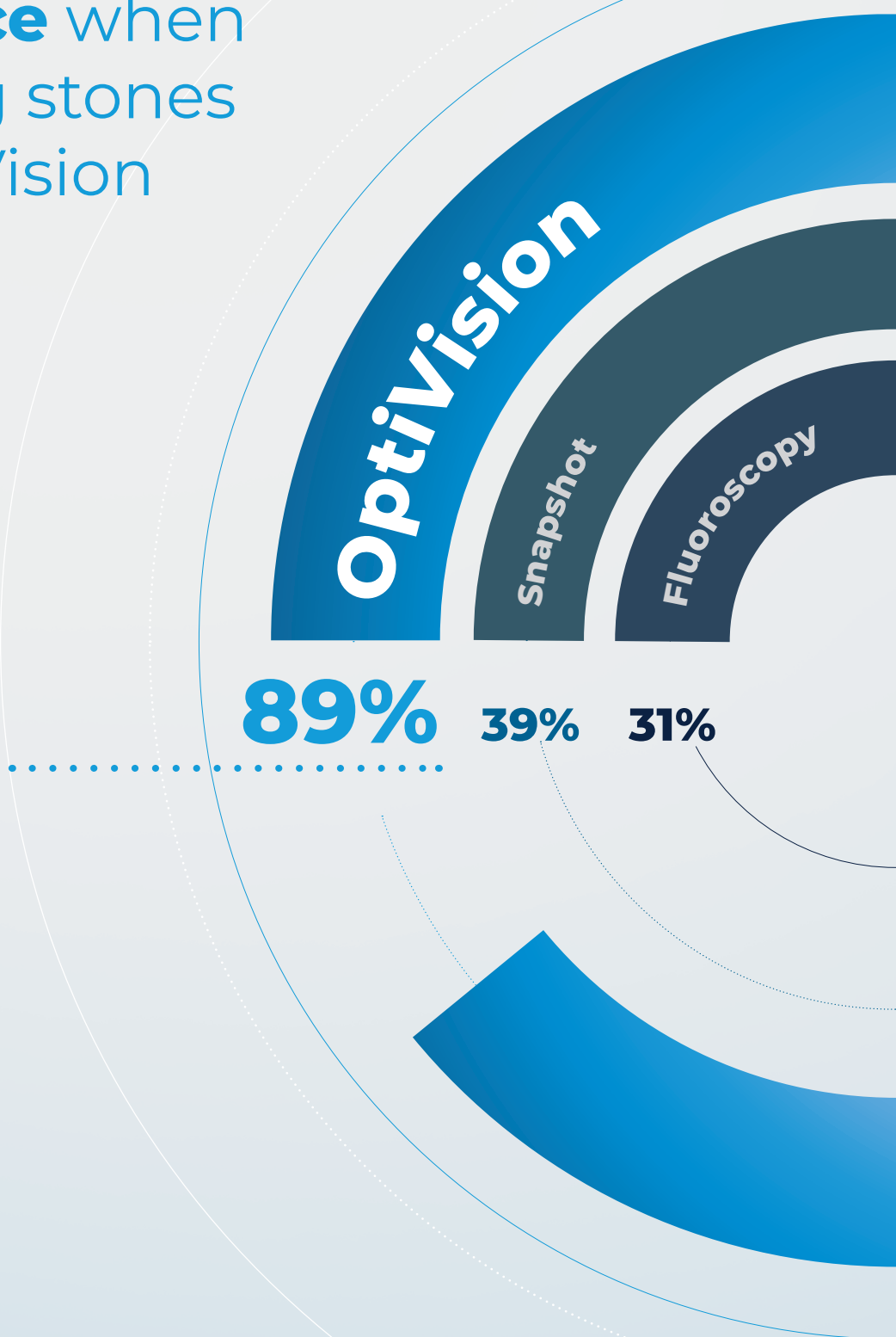


Layered Output

OptiVision works without overwriting original image data, ensuring a backup option.

Urologists achieved
significantly greater confidence when
identifying stones
with OptiVision

Confidence in the
identification of
stones during pre
and post ESWL





“Our findings demonstrated that using the specially designed imaging modality **OptiVision was significantly helpful** in identifying and localizing stones with high-quality images before SWL for effective stone disintegration during this procedure.”

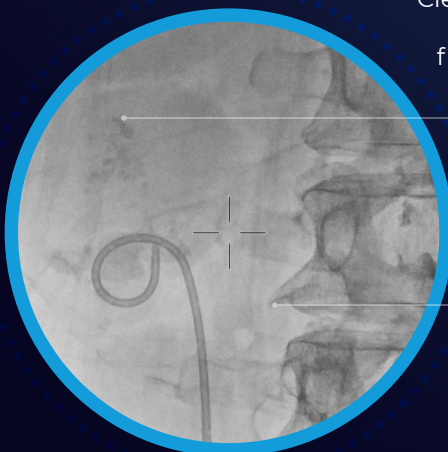
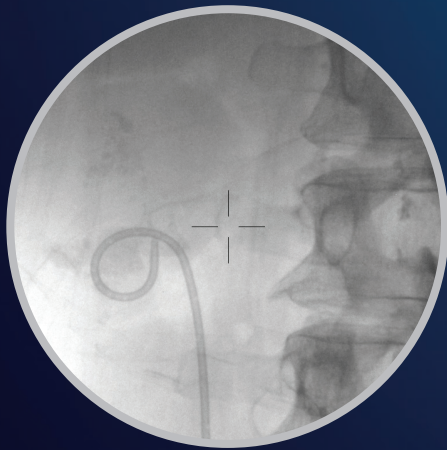
Extracted from “Importance of precise imaging for stone identification during shockwave lithotripsy: a critical evaluation of “OptiVision” as a post-processing radiography imaging modality” clinical publication¹

¹Sarica, K., Ferhat, M., Ohara, R., & Parmar, S. (2021). Importance of precise imaging for stone identification during shockwave lithotripsy: a critical evaluation of “OptiVision” as a post-processing radiography imaging modality. Urolithiasis. <https://doi.org/10.1007/s00240-021-01284-0>

See it to believe it

Better confirmation on fragmentation status

OptiVision reveals a clearer, sharper outline.

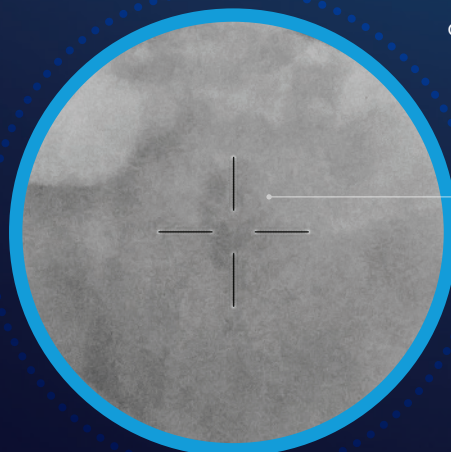
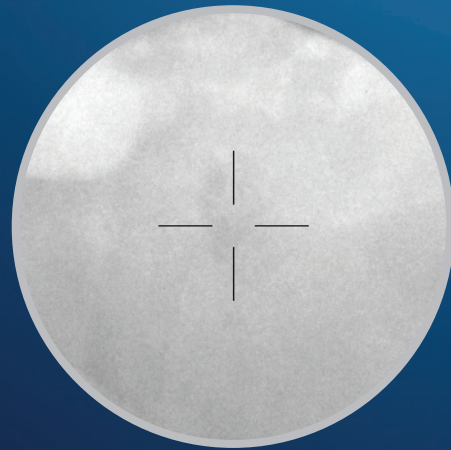


Clearer image on stone fragments

More prominent bone structures

Clarity even in obese patients

OptiVision makes the stone clearly visible.



Higher contrast

Bony structures are more evident

Greater clarity in spotting bony structures that might lay in the path of the shock waves.



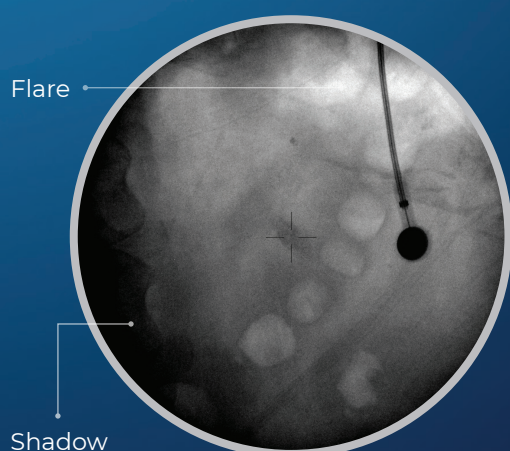
Original Snapshot



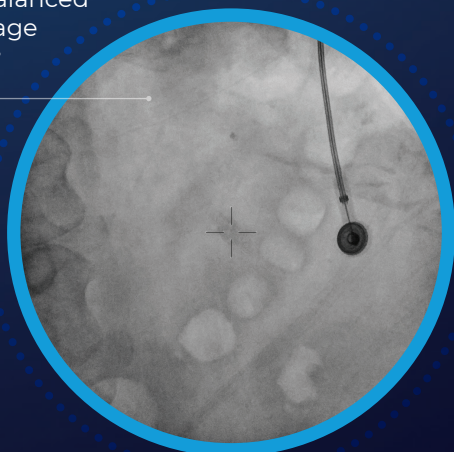
OptiVision Enhanced

Removing distractions

The image's dark and light values are flattened to minimize flare and shadow for greater clarity.

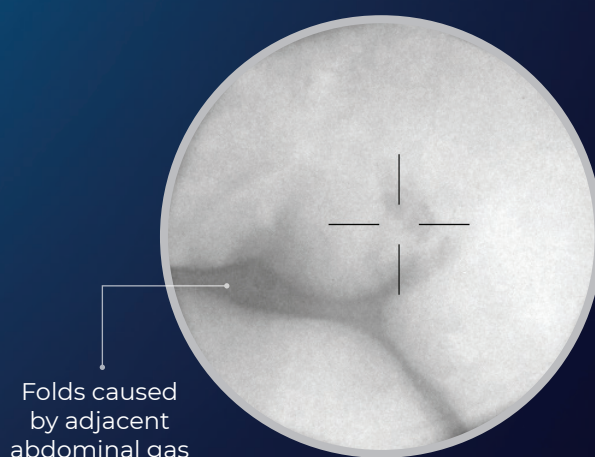


More balanced image

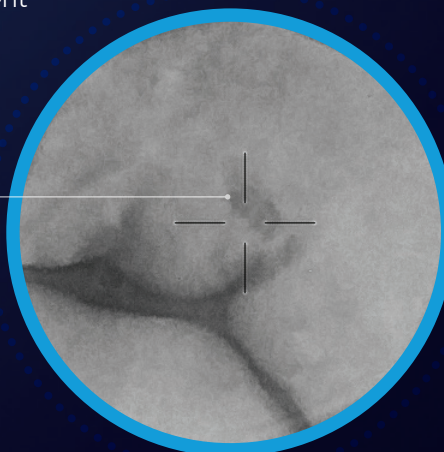


Clarity through abdominal gas

OptiVision offsets the glare caused by abdominal gases for greater clarity.



More evident stone



Note: Images were taken through an image intensifier and enhanced by OptiVision. OptiVision is available as an optional add-on to the Dornier UIMS, which is offered in combination with the Dornier Delta III series.

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