

Procedural Information

Date of procedure: April 2014
Location: Newcastle upon Tyne UK
Hospital: Freeman Hospital
Physician: Dr. Phil Haslam

Clinical Case Review 1

Hydrodissection of colon

Case Description

Case history

73 year old patient presented with a small right lower pole renal mass measuring 23 mm that was considered suitable for radio frequency ablation (RFA).

Procedural details

Contrast scan made apparent that the colon was too close to the ablation zone and that it would need to be displaced by injection of 5% dextrose solution (hydrodissection). Patient's mobility made it very difficult to obtain an oblique position to access the space between the spleen and colon. Use of Morrison Steerable Needle® made it possible to pass the needle between the colon and kidney whilst avoiding traversing the liver which would have occurred with a more lateral approach. Morrison Steerable Needle® was inserted with intermittent CT scanning. Once it had traversed the initial subcutaneous and muscle layers it was easily curved by adjusting the lever. The curve then allowed safe advancement of the needle around the anterior surface of the kidney between the kidney and colon. 250ml of 5% dextrose was then injected displacing the colon. RFA was then performed successfully without any damage to the adjacent colon.

Results and comments

This procedure was undoubtedly made easier and safer with Morrison Steerable Needle®. Hydrodissection would have been otherwise challenging due to poor patient mobility and the close proximity of the liver.

Morrison

Steerable Needle®

Clinical Case Review 1

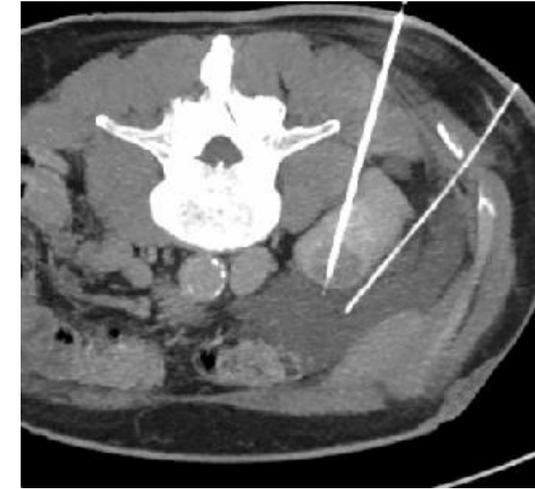
Hydrodissection of colon



Patient presented with a small right lower pole renal mass.



Morrison Steerable Needle® advanced between kidney and colon.



RFA performed successfully.

Case and image courtesy of Dr. Phil Haslam, Freeman Hospital, Newcastle upon Tyne, UK

apriomed.com

Before using Morrison Steerable Needle® read the instructions for use which accompany the product for indications, contraindications, warnings and precautions Morrison Steerable Needle® is a registered trademark of AprioMed AB. Patents pending.

AprioMed 