Nutcracker/SMA syndrome

Wael Abdalla, MD
The normal angle between aorta and SMA is above 25°.
Normal relationship between SMA, Aorta and Left renal vein
It is also known as Wilkie's syndrome, cast syndrome, mesenteric root syndrome, chronic duodenal ileus and intermittent arterio-mesenteric occlusion. It is distinct from Nutcracker syndrome, which is the entrapment of the left renal vein between the AA and the SMA.
Note the change in caliber of the 3rd part of duodenum at the site of crossing between SMA and aorta
Thank you