Endovascular management of a giant aneurysm of the Celiac Trunk

Giuseppe Galzerano

Vascular and Endovascular Surgery Unit
Chief: Giancarlo Palasciano
University Hospital of Siena
Siena - Italy
Disclosure

Speaker name:
Giuseppe Galzerano

I have the following potential conflicts of interest to report:

- Consulting
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s)

X I do not have any potential conflict of interest
VISCERAL ANEURYSM

0.1 to 2% incidence

CT aneurysms represent 4.8 to 6.3%
LITERATURE

• Few papers
• Case Reports
• No Guidelines on ct aneurysm

Moreover the first presentation is often rupture with shock
TREATMENT

- Gold standard
- Invasive
- Mortality and morbidity

- Learning curve
- COPD

- Less invasive
- Effectivness
- Patency of principal branches

Courtesy of Dr Xiao
Case Report

- 72 years old man
- Asymptomatic
- No history of pancreatic or biliary pathology

6 months ago was admitted in a peripheral hospital after a routinely US scan and referred to our centre
Ct scan revealed a huge Celiac trunk Aneurism
Good proximal neck on CT. Splenic artery patent arising from the aneurysm.
TREATMENT

- RIGHT FEMORAL 8F FLEXOR SHEATH
- PROGLIDE PREIMPLANT
- 5 F SIM 1 CAT
- TERUMO STANDARD
TREATMENT

Splenic Artery antegrade catheterization

Viabahn 8x100mm
TREATMENT

SELECTIVE ANGIOGRAPHY OF SUPERIOR MESENTERIC ARTERY
TREATMENT

SELECTIVE CATHERIZATION OF LEFT GASTRIC ARTERY
TREATMENT

AZUR TERUMO COIL IN LGA
PENUMBRA SOFT COIL IN CHA
Patient discharge in second day post op
3 month ct scan
CONCLUSIONS

• CT ANEURYSM REPRESENT A RARE BUT LIFE THREATENING CONDITION
• ENDOVASCULAR TREATMENT PROVIDE A SAFE AND EFFECTIVE SOLUTION
• IN SELECTED CASES ET COULD GUARANTEE A GOOD PATENCY OF PB
• MORE DATA ARE NEEDED BUT A TAILORED APPROACH SEEMS TO BE THE BEST SOLUTION
Endovascular management of a giant aneurysm of the Celiac Trunk

Giuseppe Galzerano

Vascular and Endovascular Surgery Unit
Chief: Giancarlo Palasciano
University Hospital of Siena
Siena - Italy