

ETUDE DE CAS

Mme O..... Zohra 74 ans

Dyspnée d'effort en aggravation

Tabac : 0 Alcool : 0

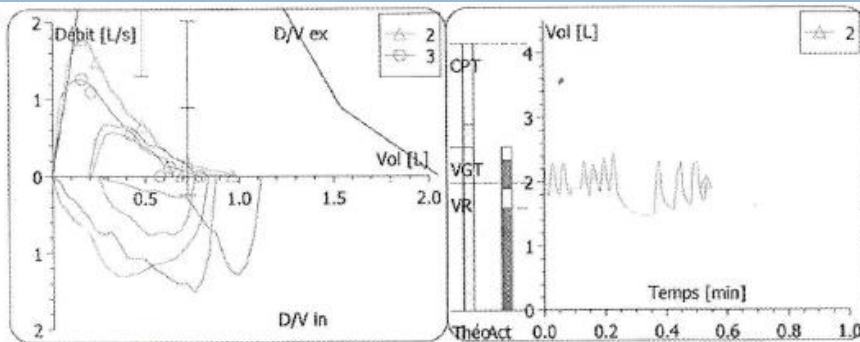
Bronchites régulières depuis 2 ans

Tendance dénutrition IMC 20 , albumine basse

Trouble ventilatoire restrictif 50 %

TDM : volumineux anévrisme aorte thoracique

Chirurgie refusée en 2022



Théo Pré % Théo

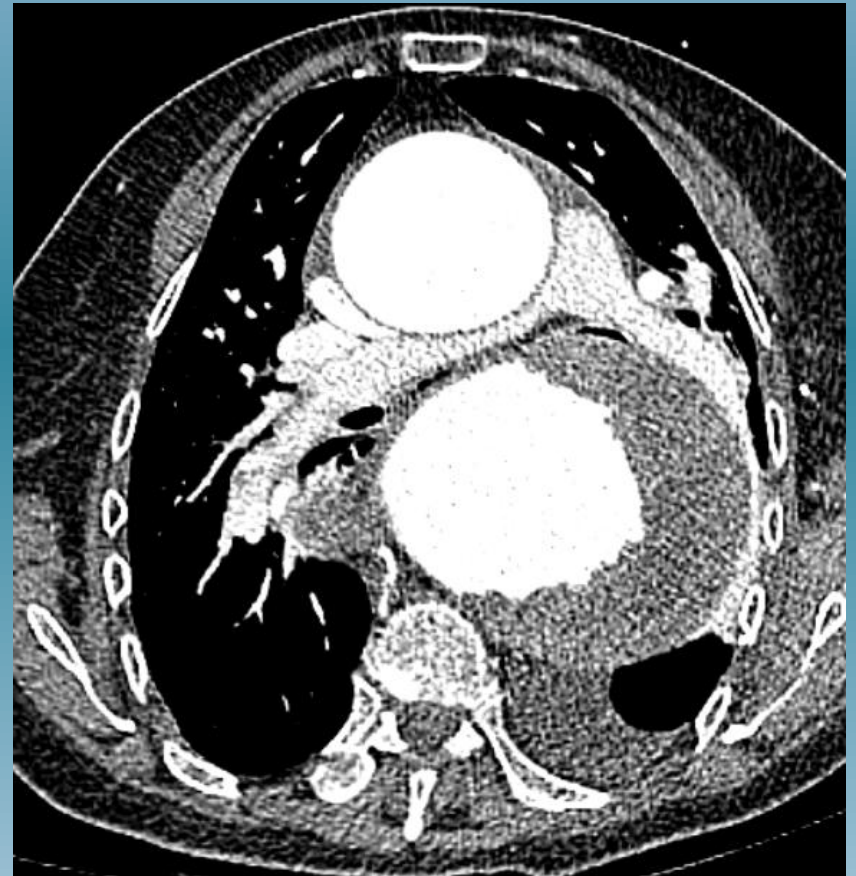
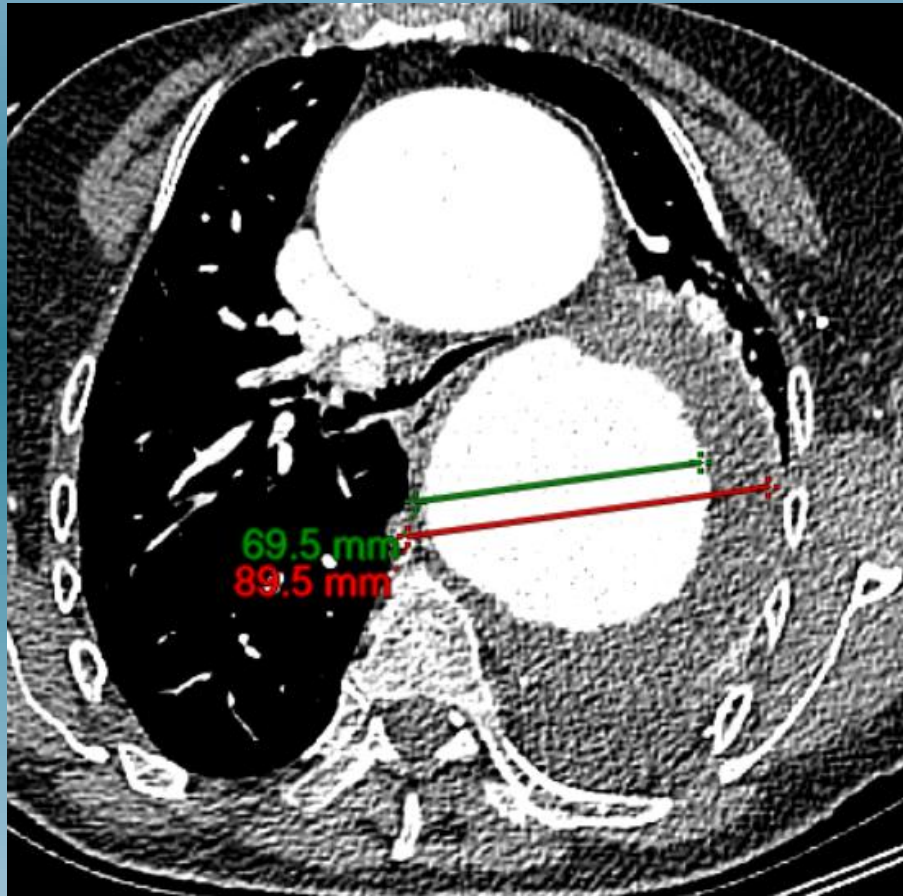
Date
Heure
Substance
Dose

04/09/24
11:07:52

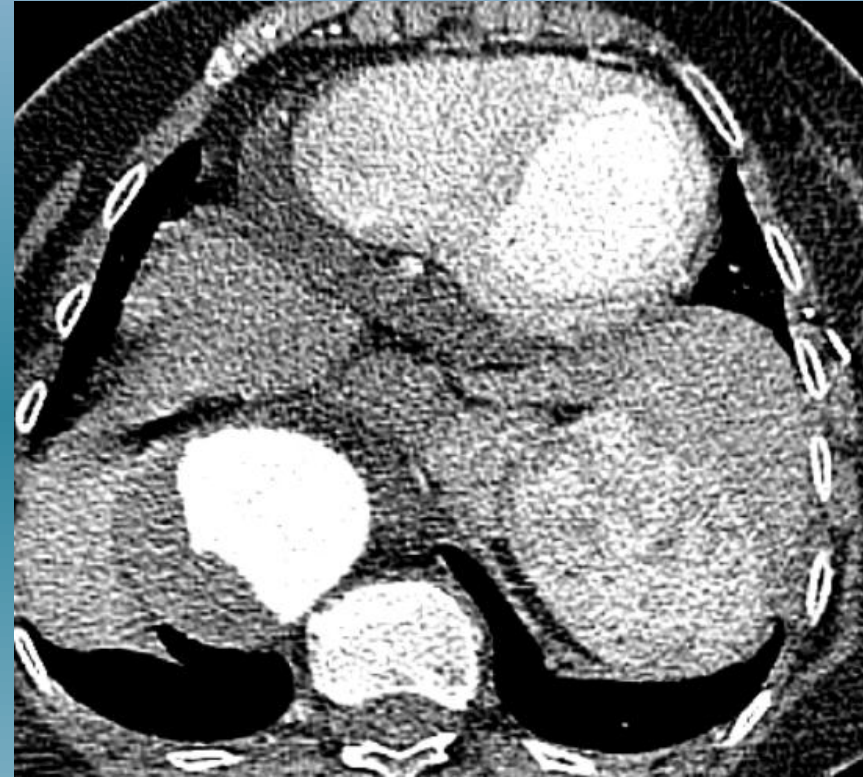
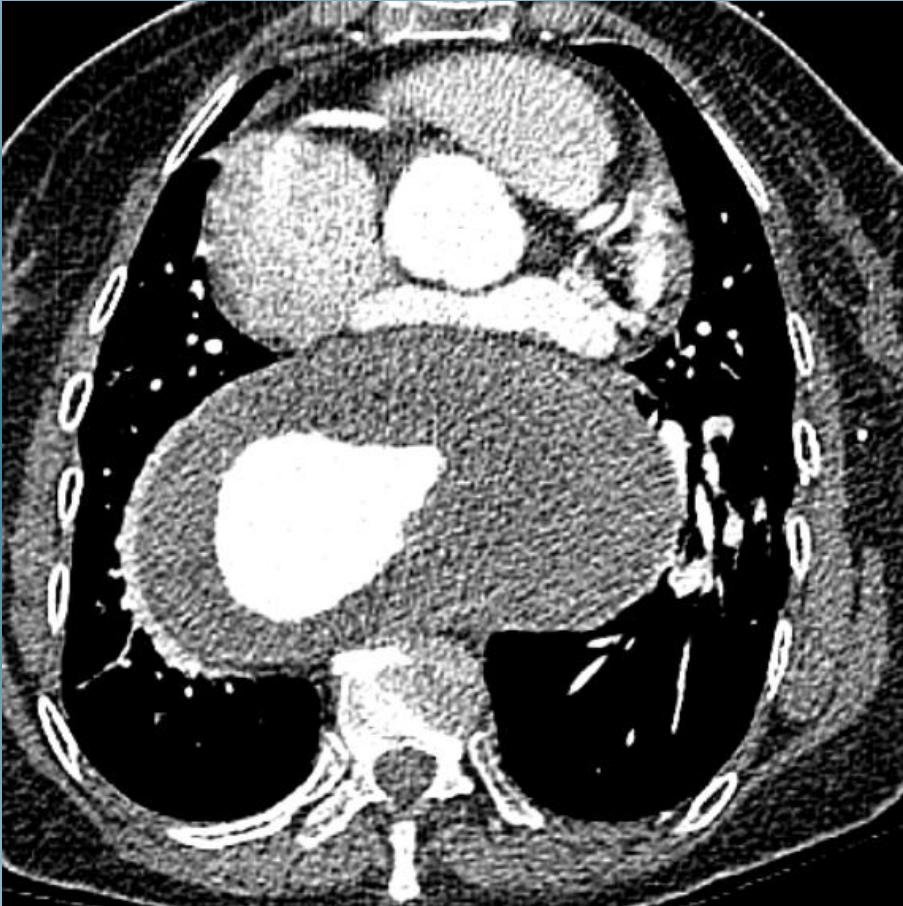
CV MAX	[L]	2.17	0.97	-55.4
VRE	[L]	0.56	0.31	-43.8
VT	[L]	0.36	0.44	24.0
CI	[L]	1.61	0.65	-59.4
VVM	[L/min]	75.11		
VEMS	[L]	1.67	0.69	-58.5
VEMS % CV MAX	[%]	75.04	71.70	-4.5
CVF	[L]	2.05	0.97	-52.9
VEMS % CVF	[%]		71.70	
DEP	[L/s]	5.20	1.77	-65.9
DEM 75	[L/s]	4.74	1.48	-68.9
DEM 50	[L/s]	3.11	0.65	-79.1
DEM 25	[L/s]	0.89	0.18	-79.9
DEMM 25/75	[L/s]	2.34	0.47	-80.1
VIMS	[L]		0.83	
RAW	[kPa*s/L]	0.30	0.88	192.0
SR AW	[KPA*S]	0.96	1.86	93.8
VGT	[L]	2.55	1.91	-25.1
VR	[L]	1.99	1.59	-19.9
CPT	[L]	4.44	2.56	-42.3
VR % CPT	[%]	44.12	62.23	41.0

- **CFV : 0,97 l soit 42%**
- **VEMS / CVF : 71,70**
- **CPT : 2,56 l soit 58 %**

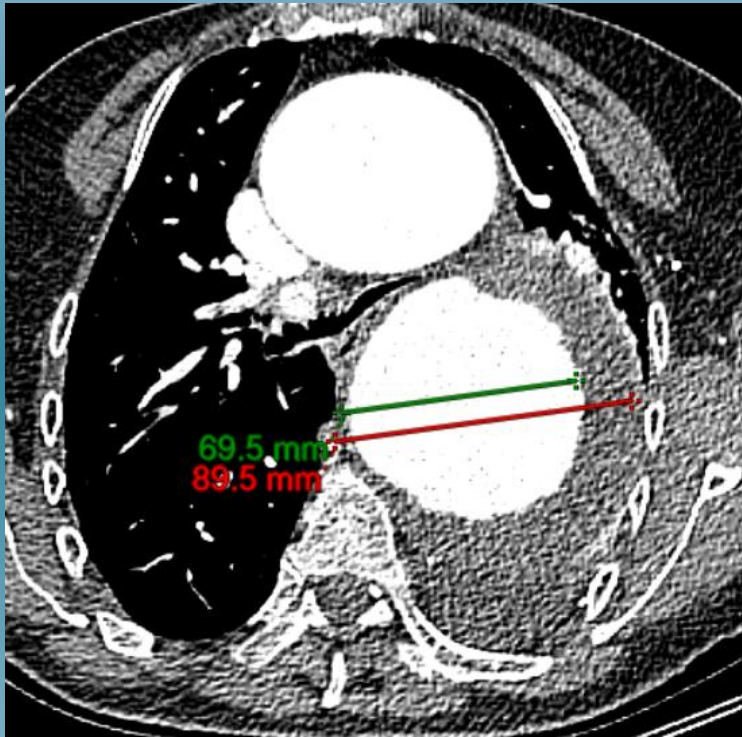




CONDUITE À TENIR ?



APRES PROTHÈSE DE DUMON ET ENDO PROTHÈSE AORTIQUE



APRES PROTHÈSE DE DUMON ET ENDO PROTHÈSE AORTIQUE



Dr Andre Rogopoulos
radiologue interventionnel



QUELQUES QUESTIONS

- Quelle est la fréquence : 8 %

Surgical treatment of aneurysms of the descending thoracic aorta: long-term results in 500 patients

M E de Bakey, C H McCollum, J M Graham

PMID: 739025

J Cardiovasc Surg (Torino)

1978 Nov-Dec;19(6):571-6

- Only « cases reports »
- La bronche ou le vaisseau d'abord ?
- Stents métalliques ou prothèse de Dumon ?

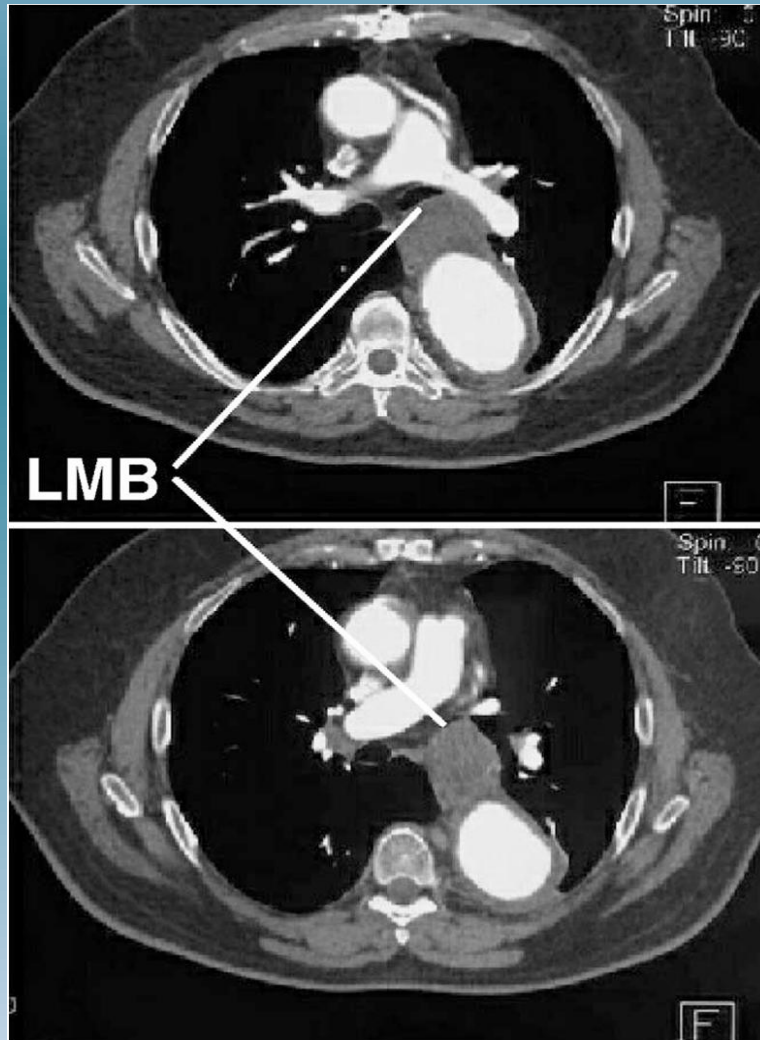
LA BRONCHE OU LE VAISSEAU D'ABORD ?

Aorto-bronchial fistula following aortic and bronchial stenting of a thoracic aneurysm

Ayman Abdul-Ghania, and co

Cardiothoracic Center NHS Royal Liverpool Hospital NHS Trust, United Kingdom

European Journal of Cardio-thoracic Surgery 29 (2006) 419—421



Endo prothese aortique ;
J+1 : after extubation,
development of respiratory difficulties
required re-intubation
Stents metallique Gianturco

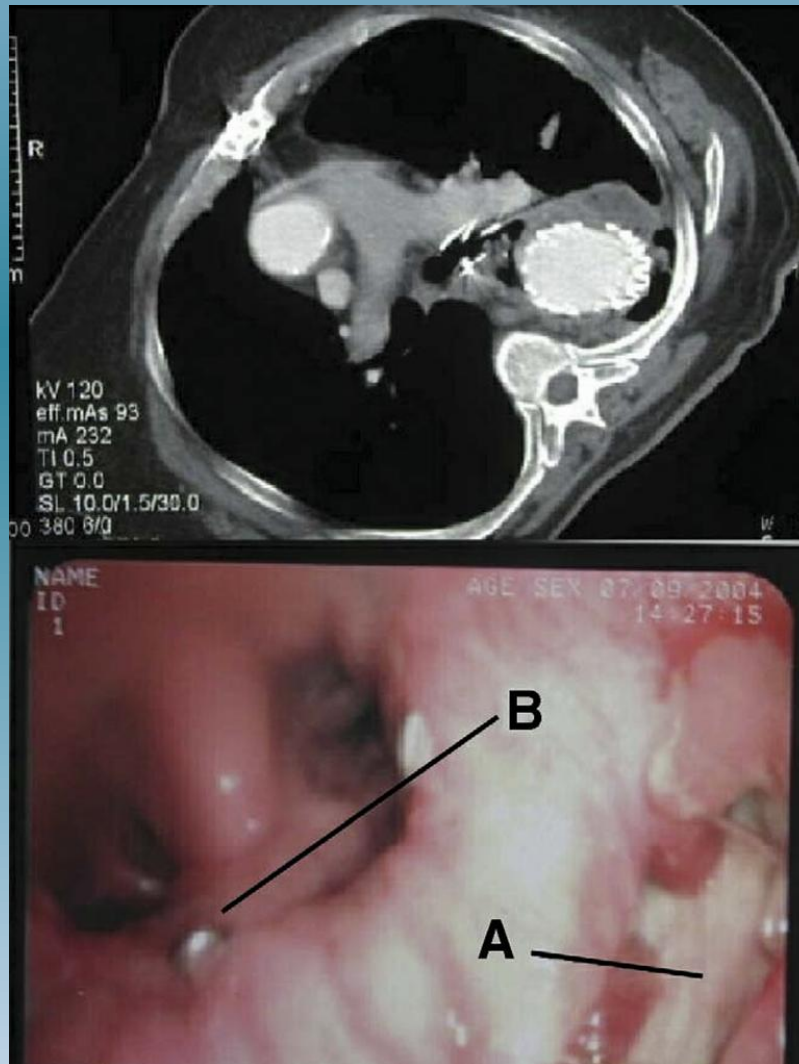
Prothese
endobronchique avant
l'endoprothese aortique

Aorto-bronchial fistula following aortic and bronchial stenting of a thoracic aneurysm

Ayman Abdul-Ghania, and co

Cardiothoracic Center NHS Royal Liverpool Hospital NHS Trust, United Kingdom

European Journal of Cardio-thoracic Surgery 29 (2006) 419—421



4 semaine après la sortie :
pleuresie purulentes avec **fistule**

Bronchoscopy revealed defect in the
distal membranous portion of the left
main bronchus.

RISQUE DE FISTULE

Emergency management of aorto-bronchial fistula after implantation of a self-expanding bronchial stent. Nouraei SM, Pillay T, Hilton CJ. Eur J Cardiothorac Surg. 2001 Sep;20(3):642-4. doi: 10.1016/s1010-7940(01)00836-3. PMID: 11509298

Aorto-bronchial fistula following aortic and bronchial stenting of a thoracic aneurysm. Abdul-Ghani A, Pisipati S, McWilliams R, Page RD. Eur J Cardiothorac Surg. 2006 Mar;29(3):419-21. doi: 10.1016/j.ejcts.2005.11.038. Epub 2006 Jan 19. PMID: 16423533

PROTHÈSE DE DUMON OU STENT METALLIQUE ?

CONCLUSION

- Rare mais y penser tableau parfois « asthmatiforme »
- La bronche d'abord !
- Prothèse de Dumon ?
- Prothèse provisoire
- Combien de temps ?



Drs D.Barrios B.Pigearias , S Lopez , A Rogopoulos , J Boutros , JP Elbeze ,