

# **UNITRE (sede di Velletri)**

**Dottor Tarcisio NIGLIO**  
**medico chirurgo**

**A dottò, che vor dì ?!?**  
**dal “medichese” all’italiano**

**ESAMI STRUMENTALI:**  
**Rx - TAC - RMN - ECD -**  
**ENDOSCOPIA**  
**(2ª parte)**

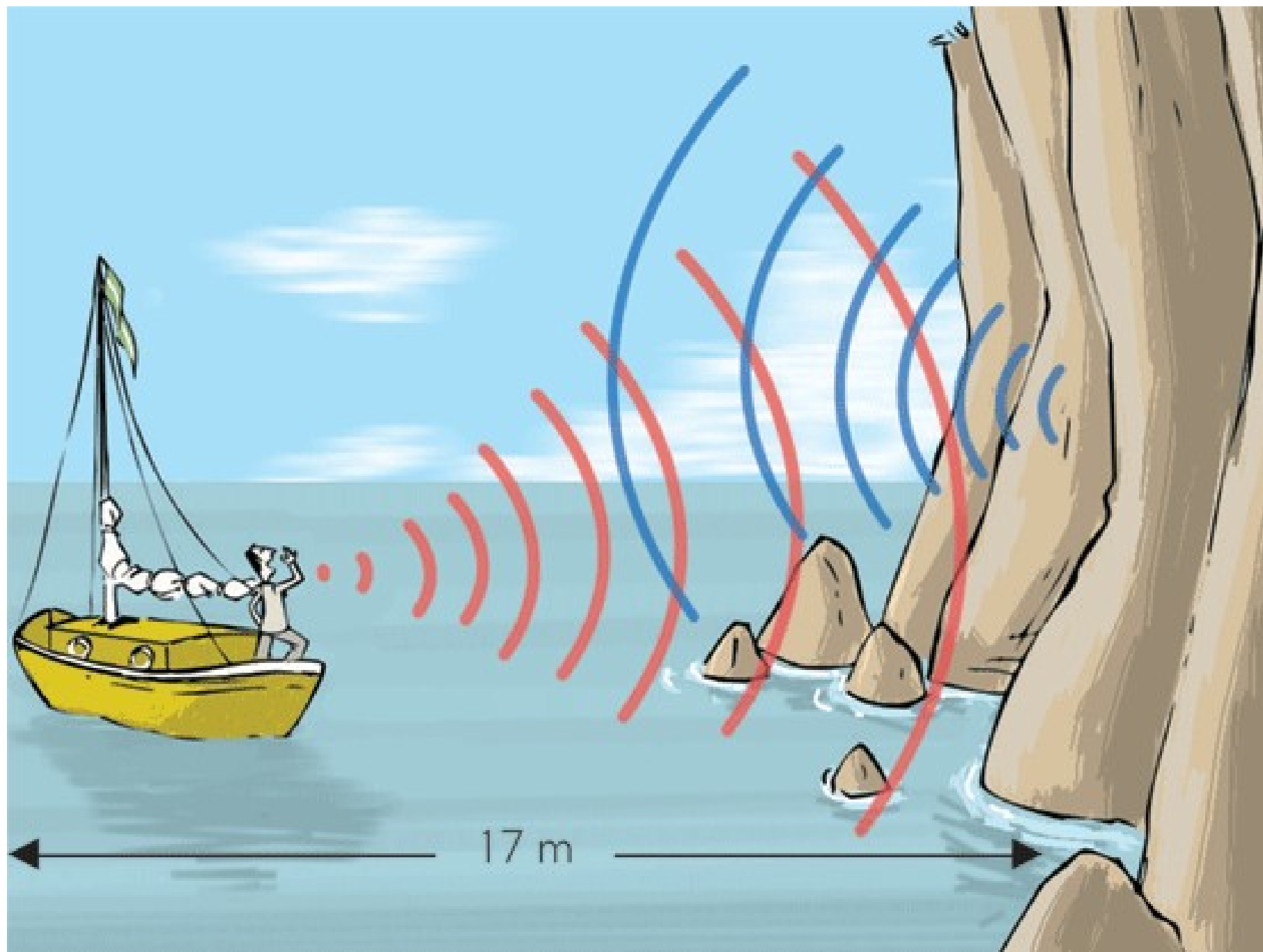
**Velletri, 05 dicembre 2023**

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**ECO**  
**(COLOR)**  
**DOPPLER**





**Christian  
Andreas  
Doppler**

**Salisburgo 1803  
Venezia 1853**

**Fisico e  
Matematico**

Ascoltatore

Sorgente del suono

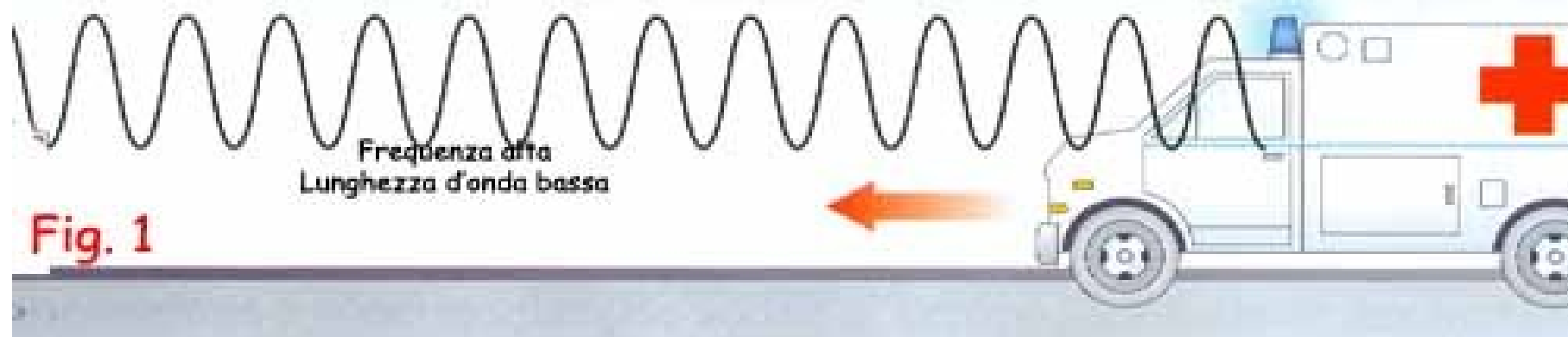
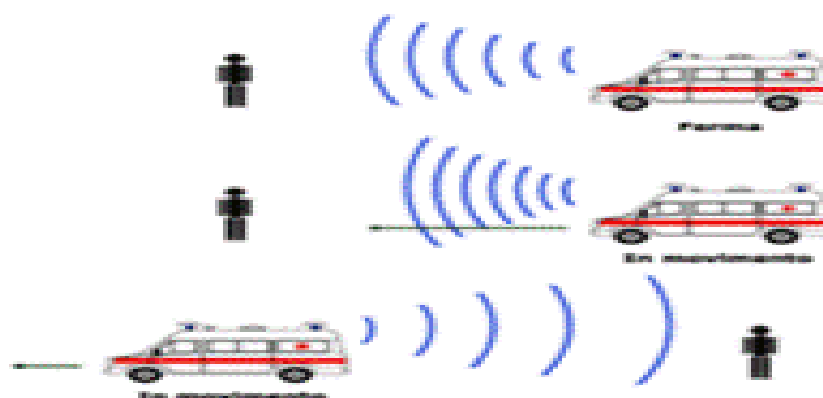


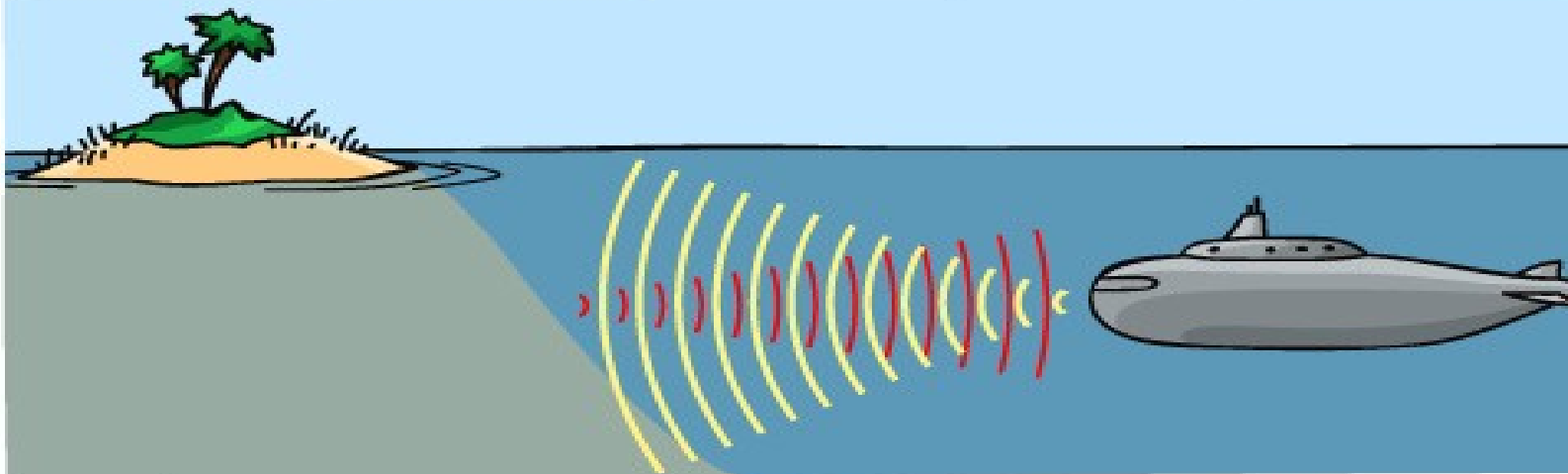
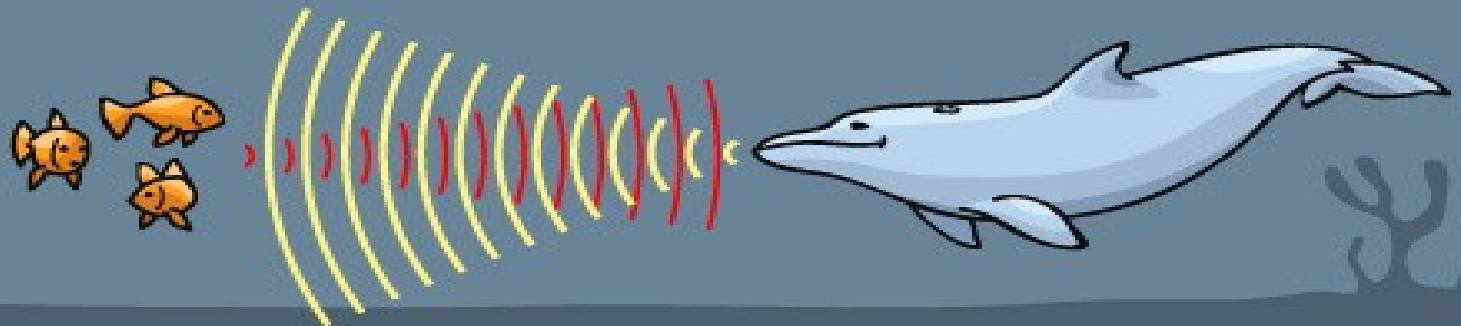
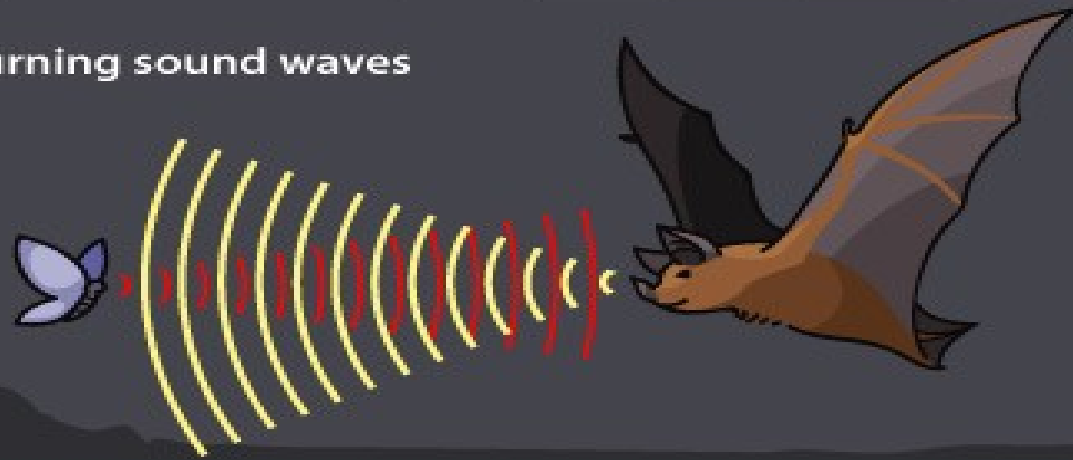
Fig. 1

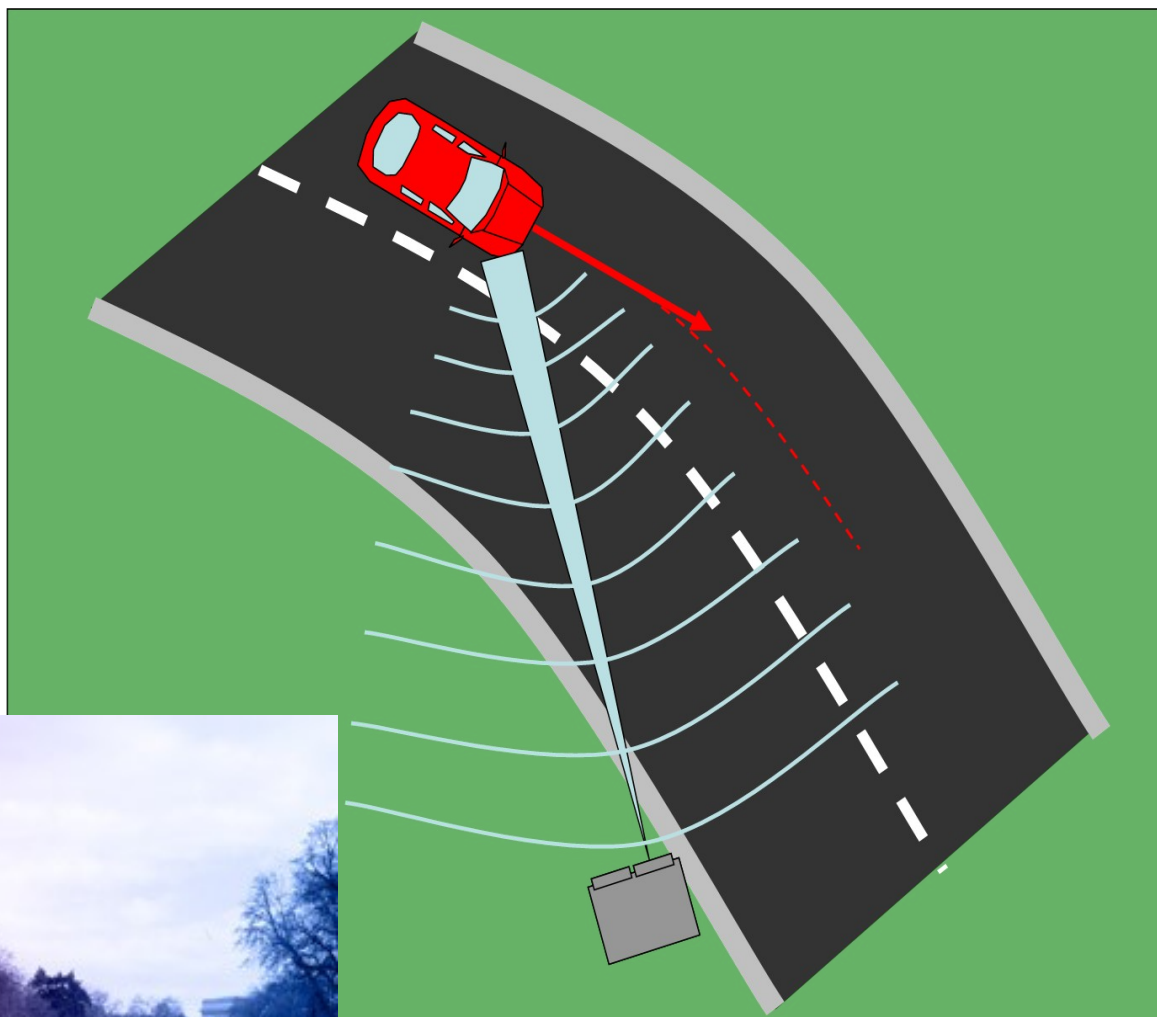


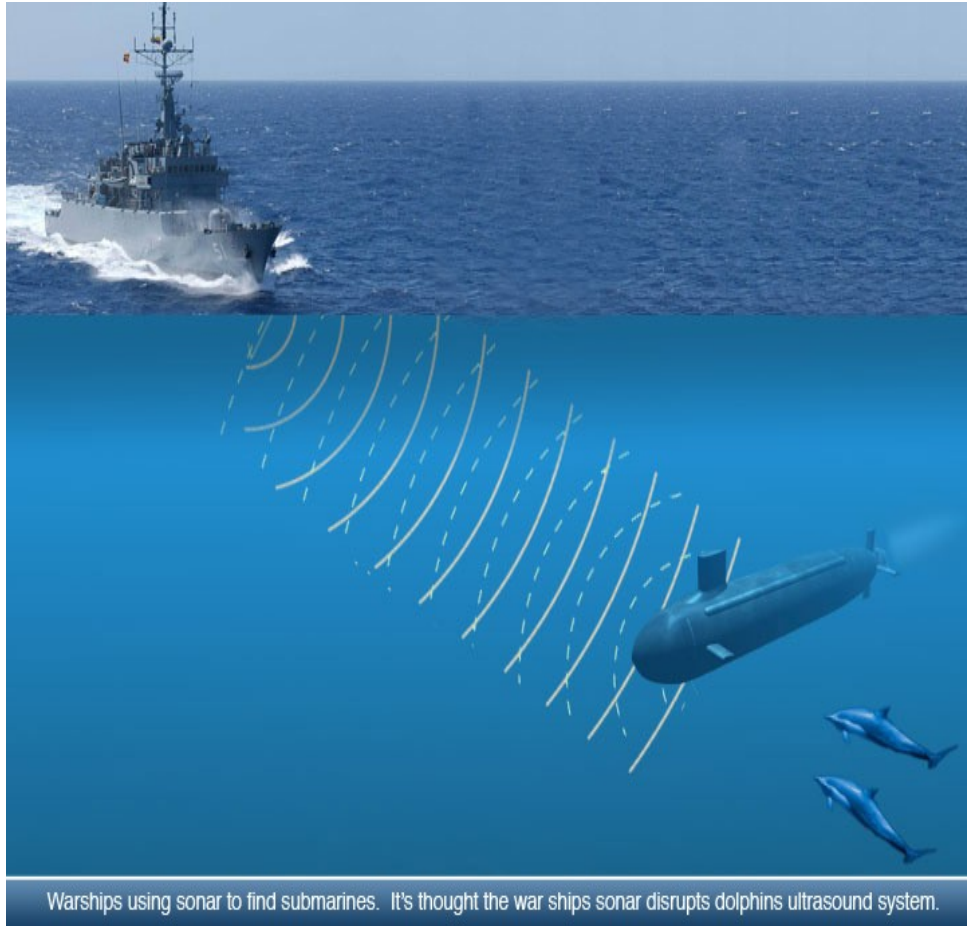
Fig. 2



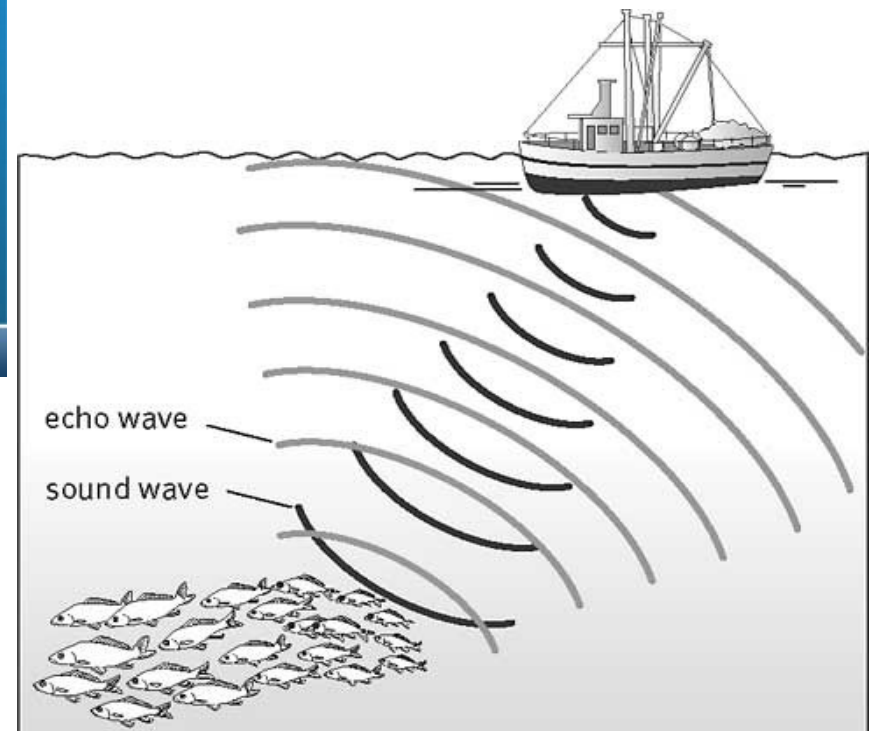
■ Sonar    ■ Returning sound waves



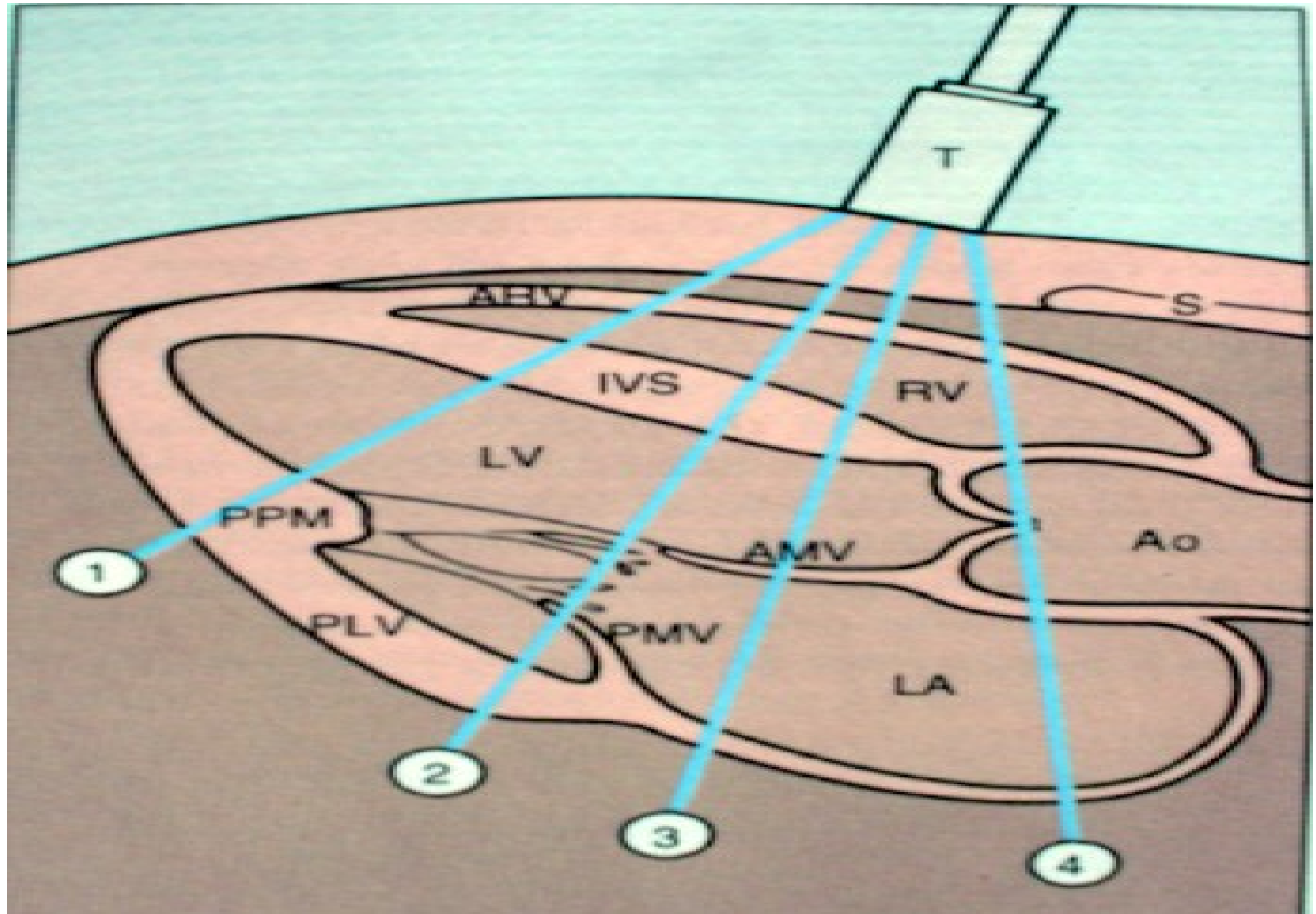


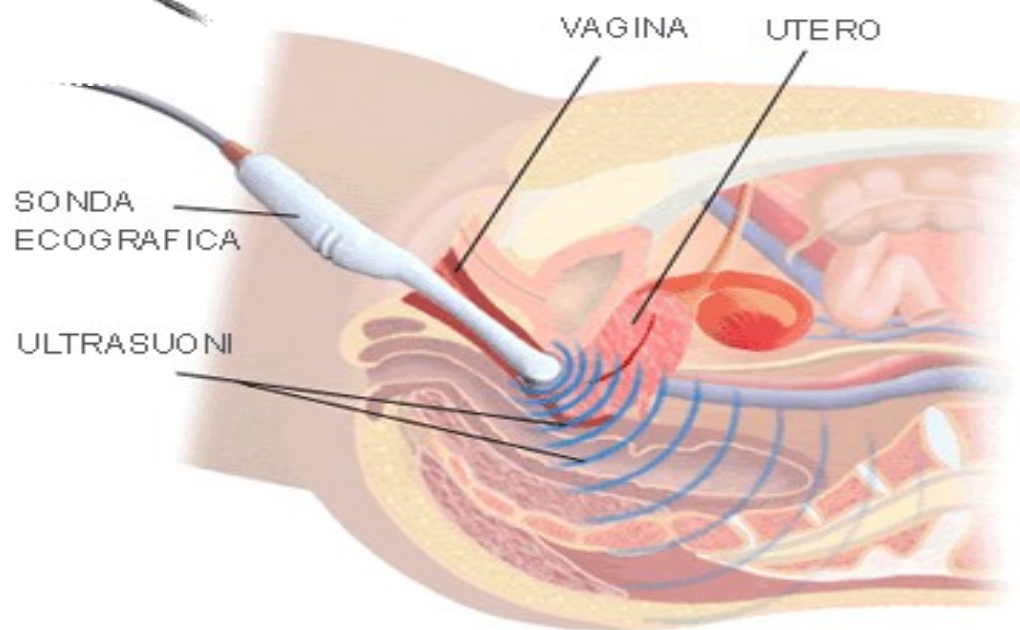
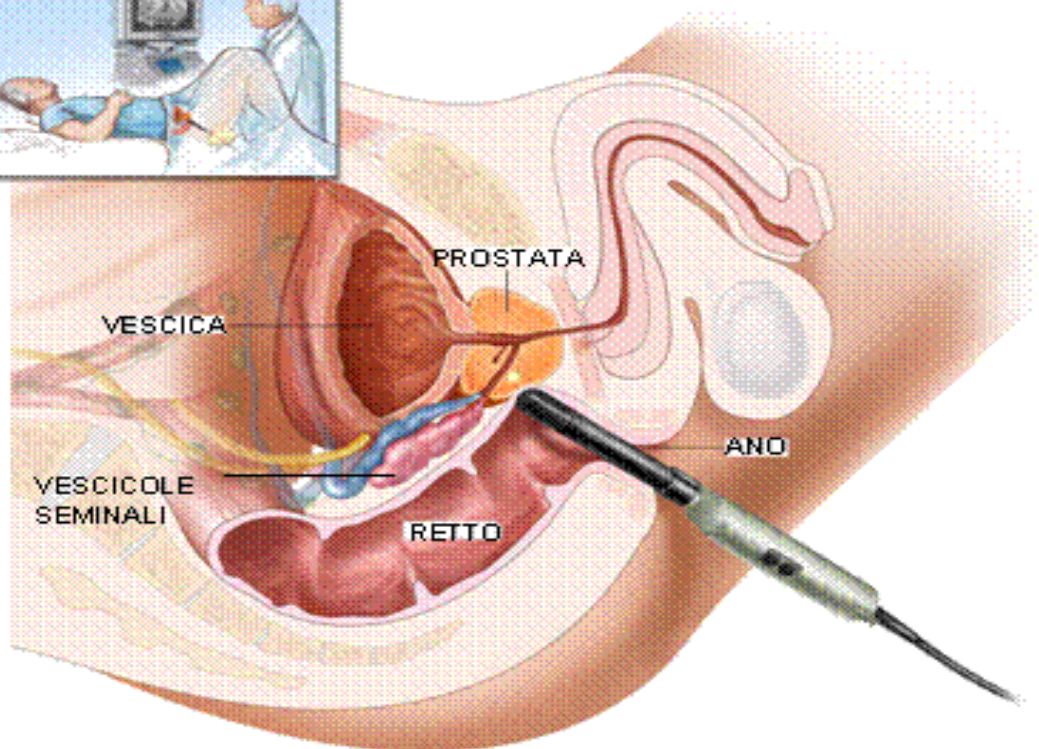


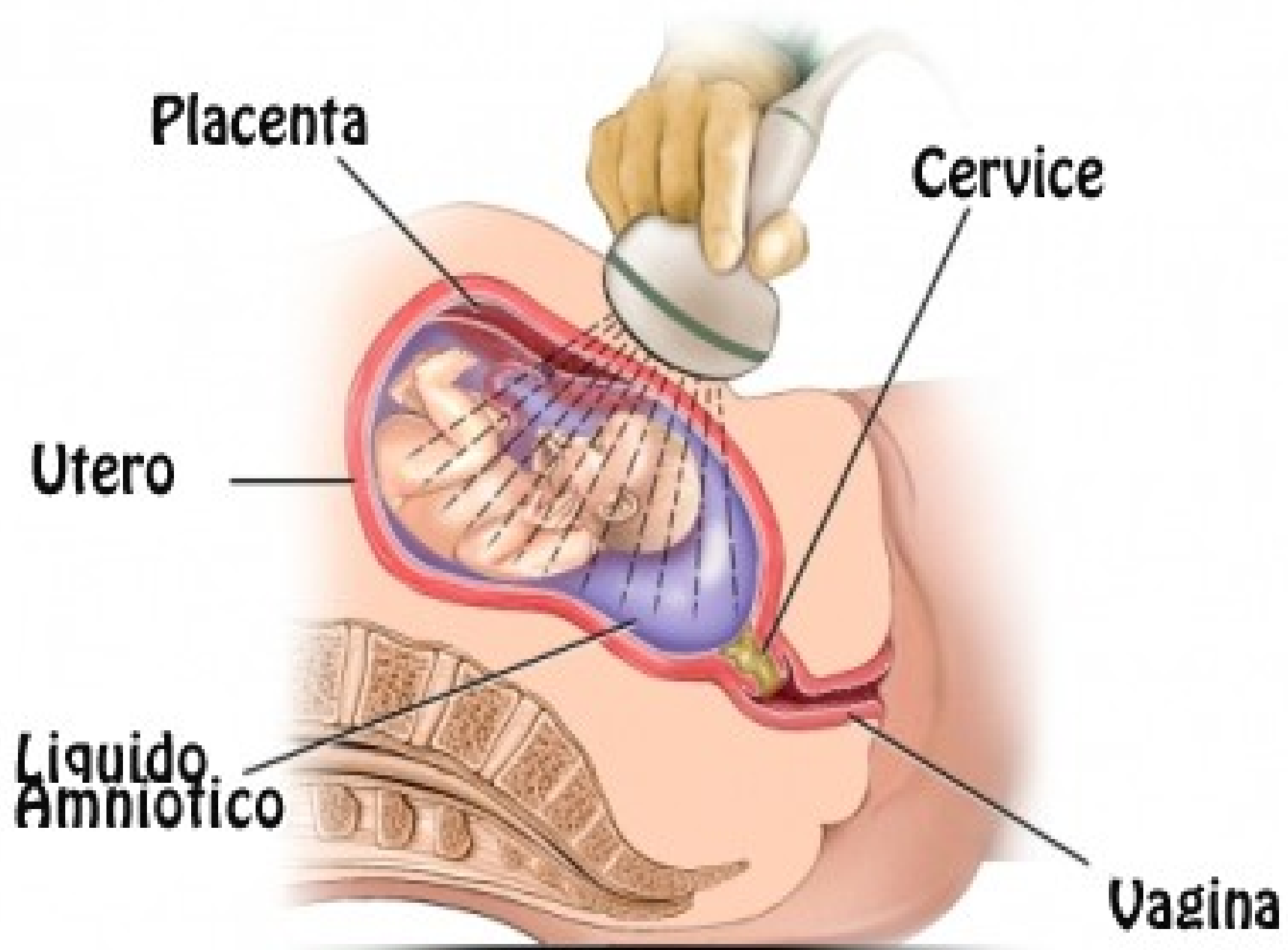
Warships using sonar to find submarines. It's thought the war ships sonar disrupts dolphins ultrasound system.



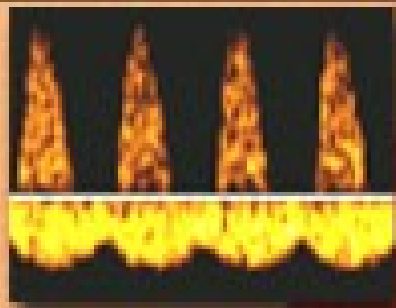
Elizabeth Morales



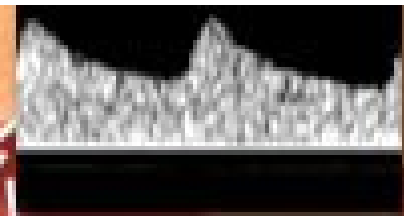




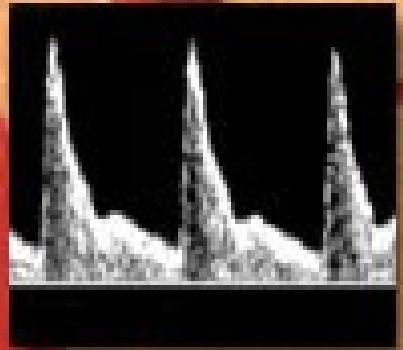
umbilical artery



spiral arteries



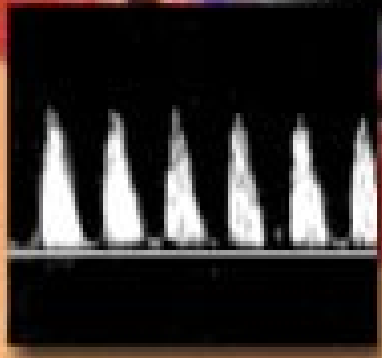
uterine artery



umbilical vein



descending aorta



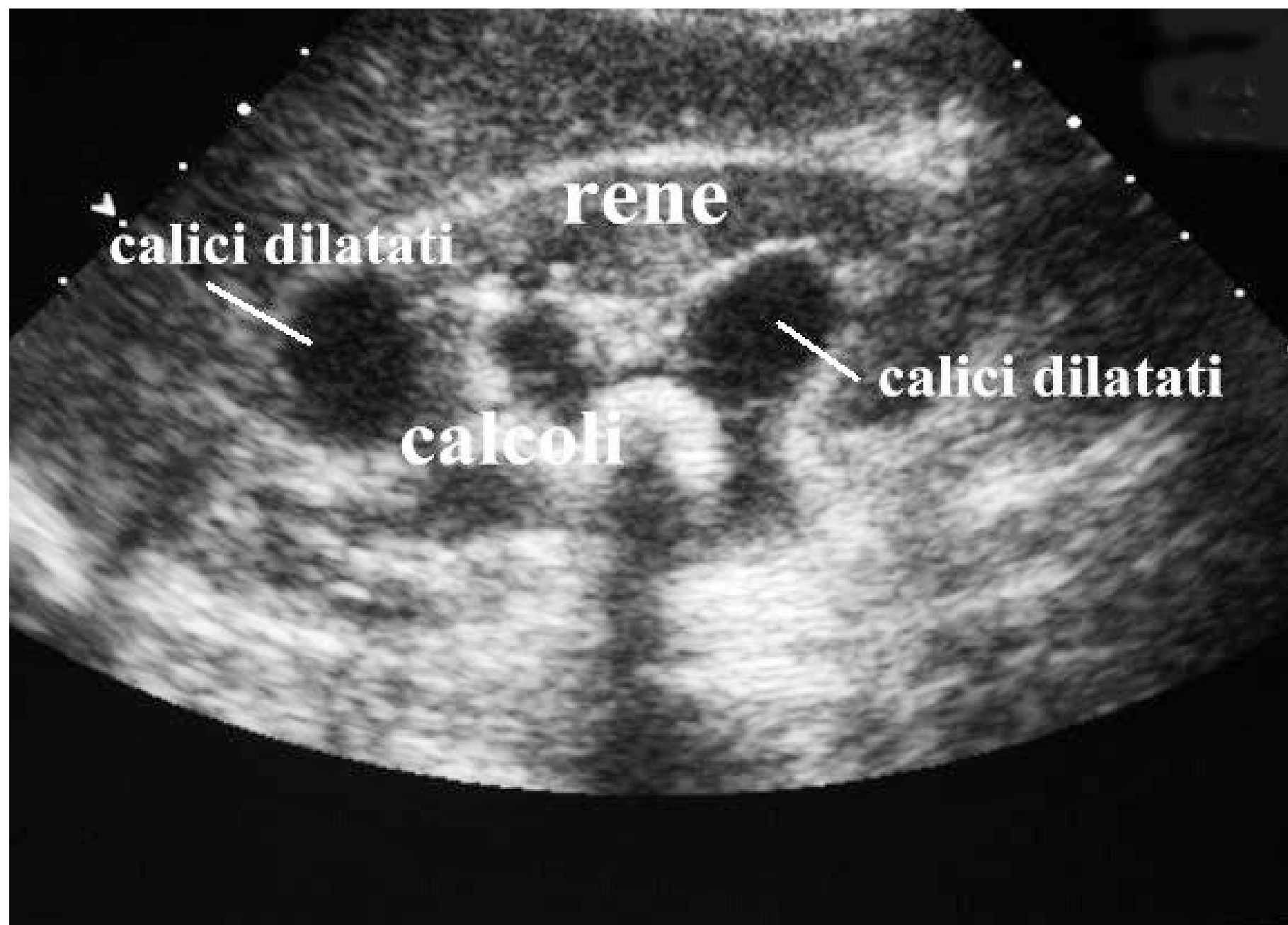
middle cerebral artery

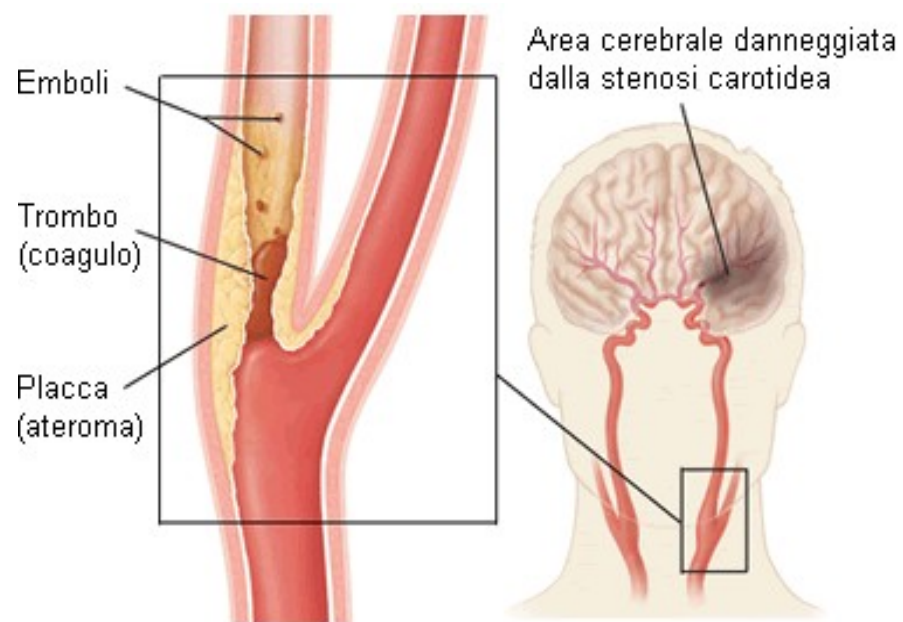
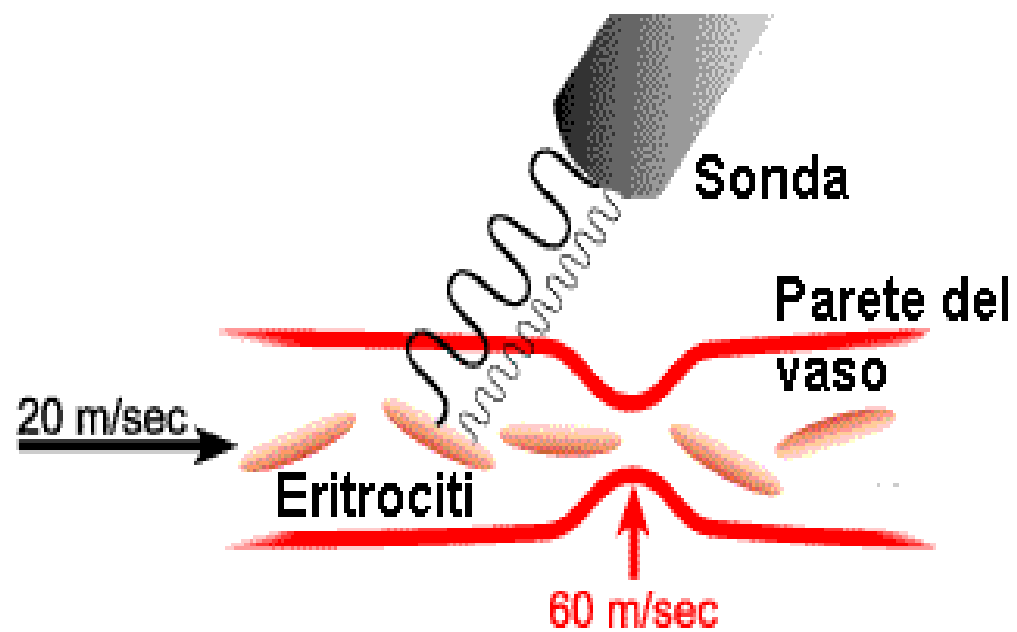




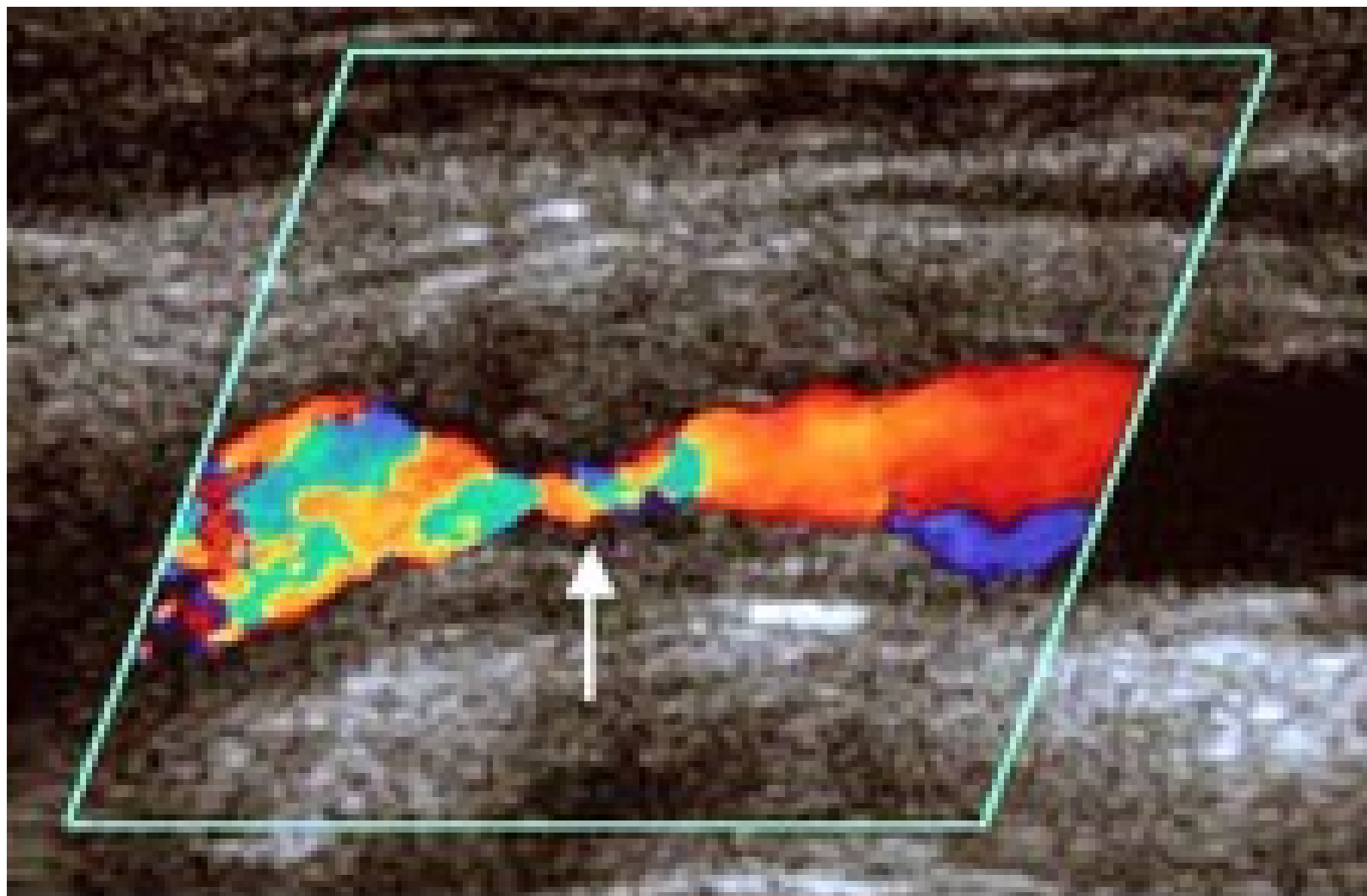


Stenosi arteria renale e trattamento con angioplastica e stent

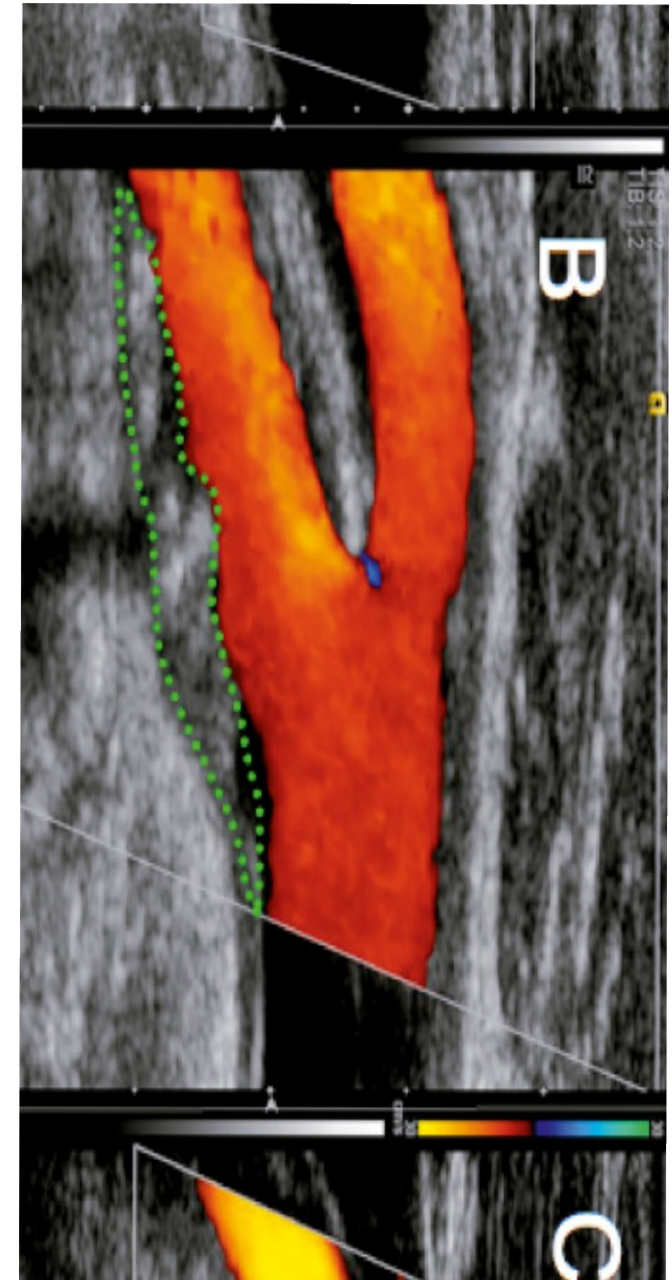
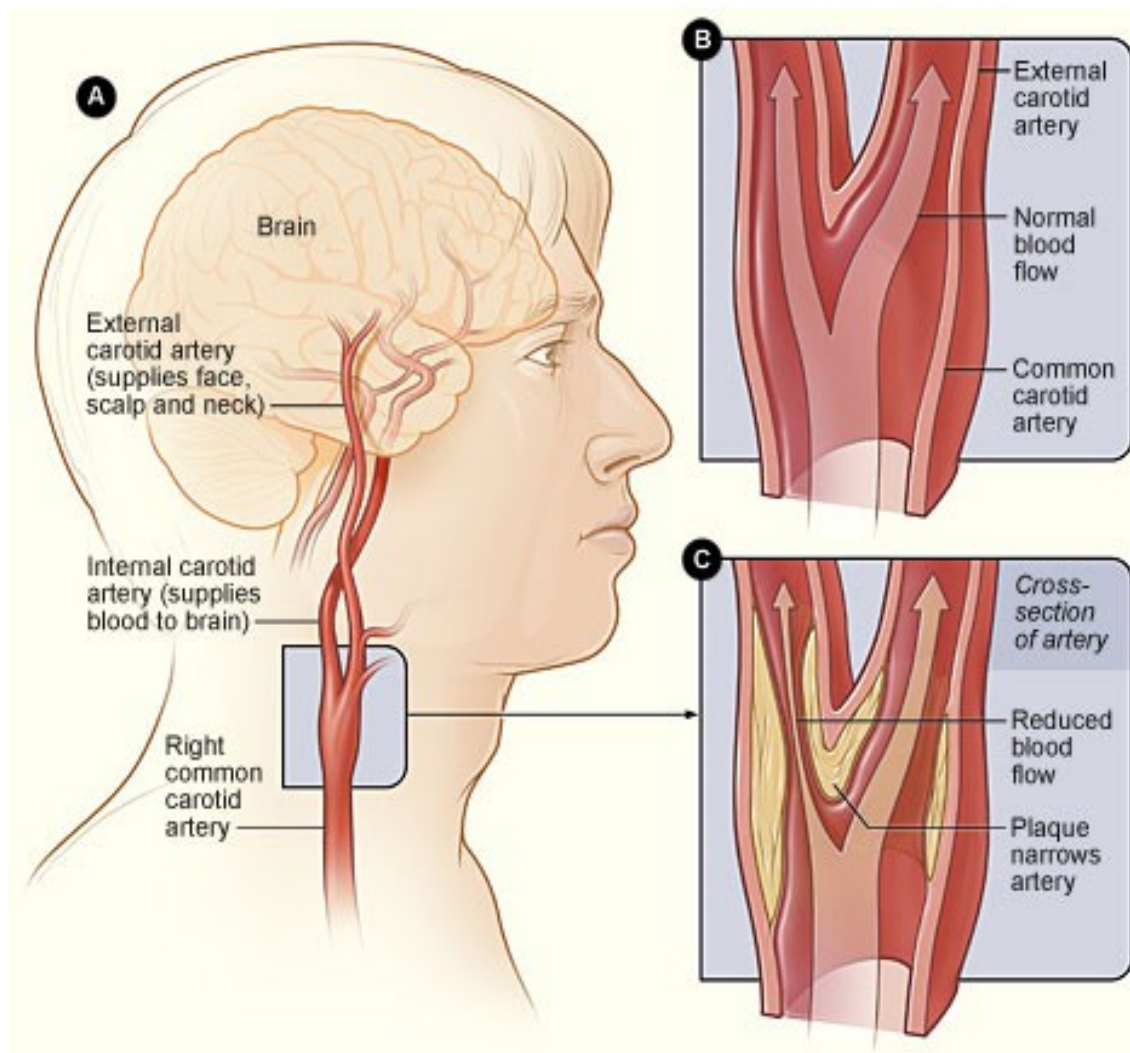




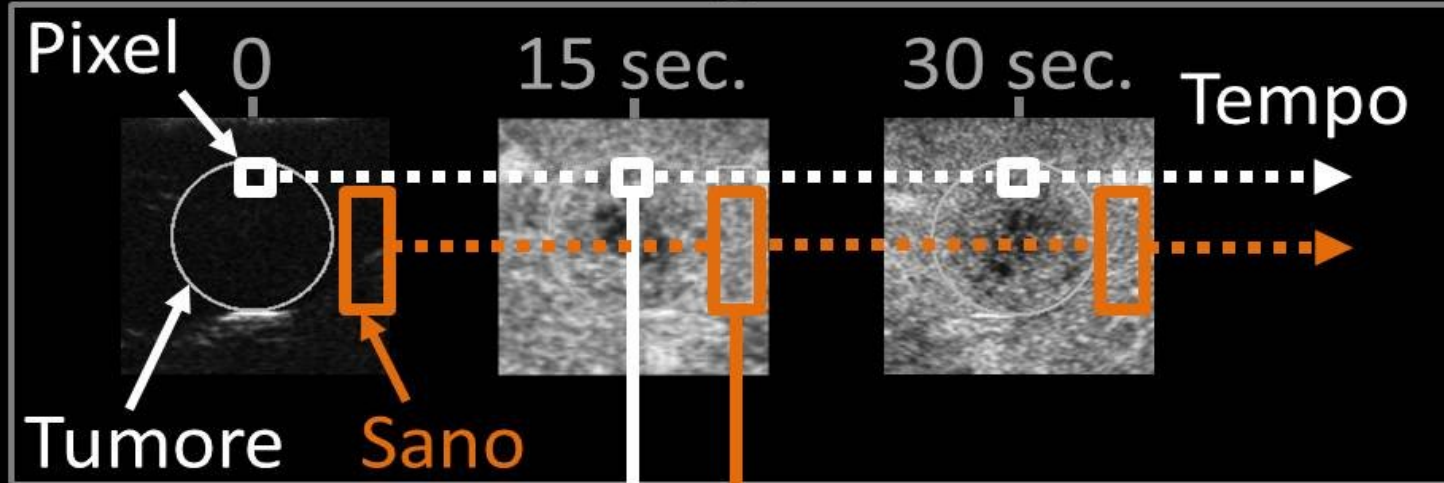
Modificata da: [www.carotidarterystenosis.org](http://www.carotidarterystenosis.org)



**Ecocolordoppler di placca carotidea**



## Video di immagini a contrasto



- Differenza

Tratto distintivo della vascolarizzazione

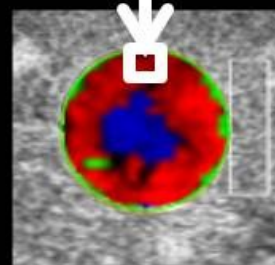


Immagine  
parametrica

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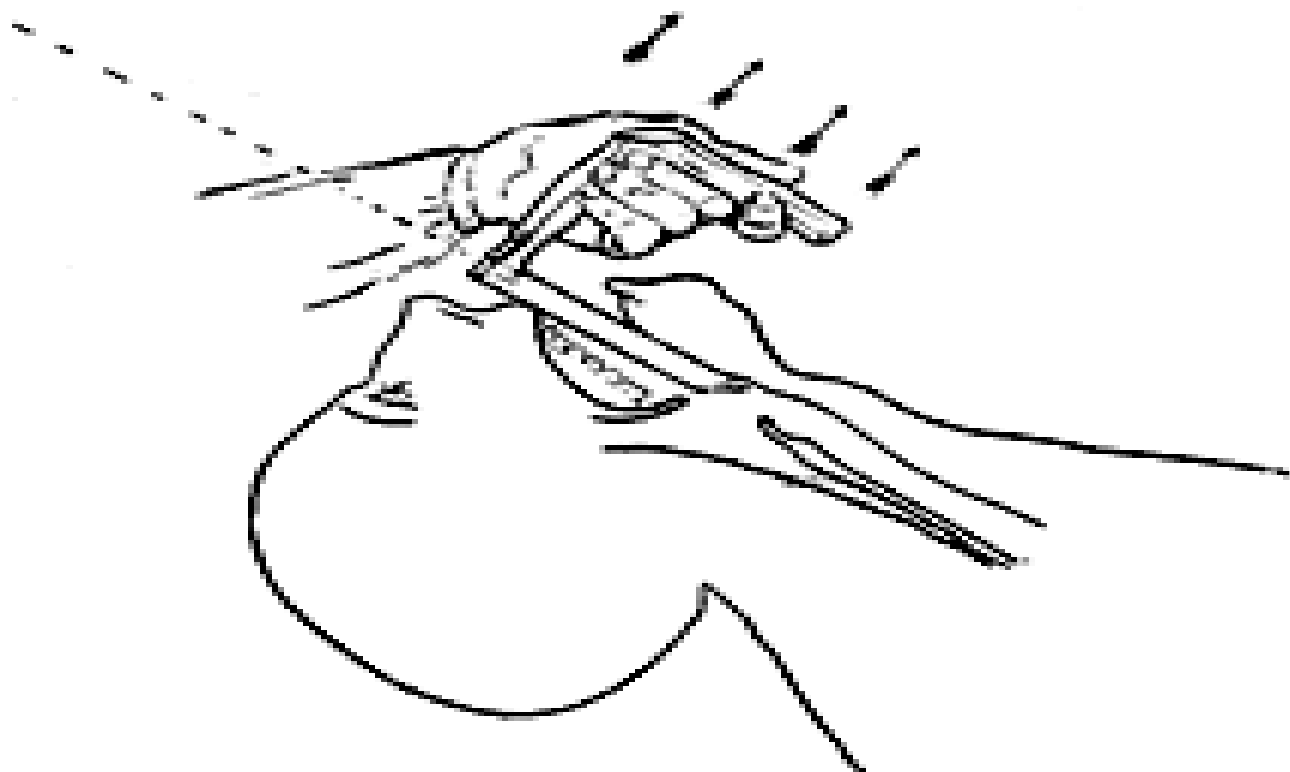
**ENDOSCOPIA**

**Il termine endoscopia  
viene dal greco**

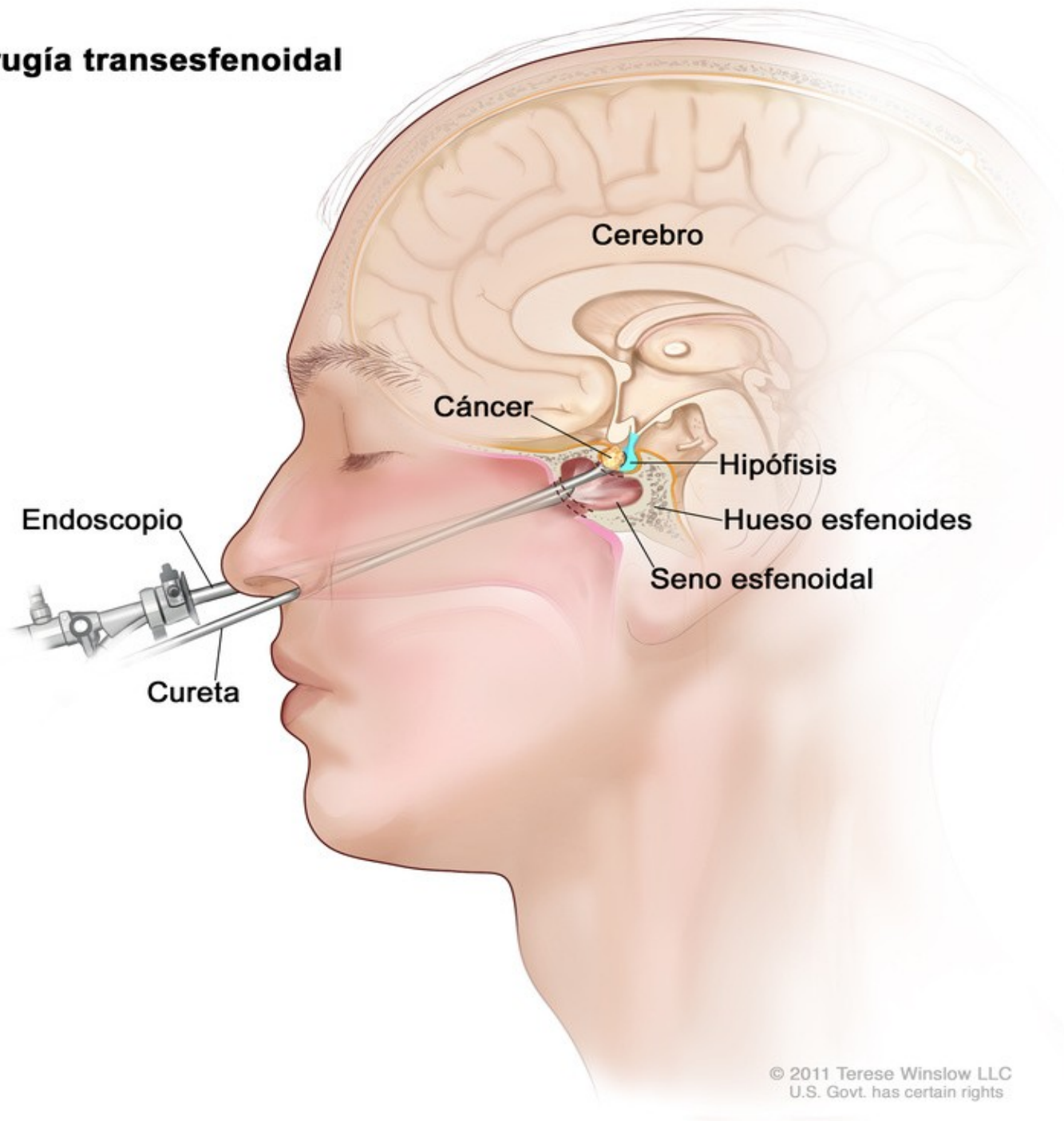
**ἔνδον èndon, "dentro, interno"**

**e**

**σκοπή skopê, "osservazione"**



## Cirugía transesfenoidal

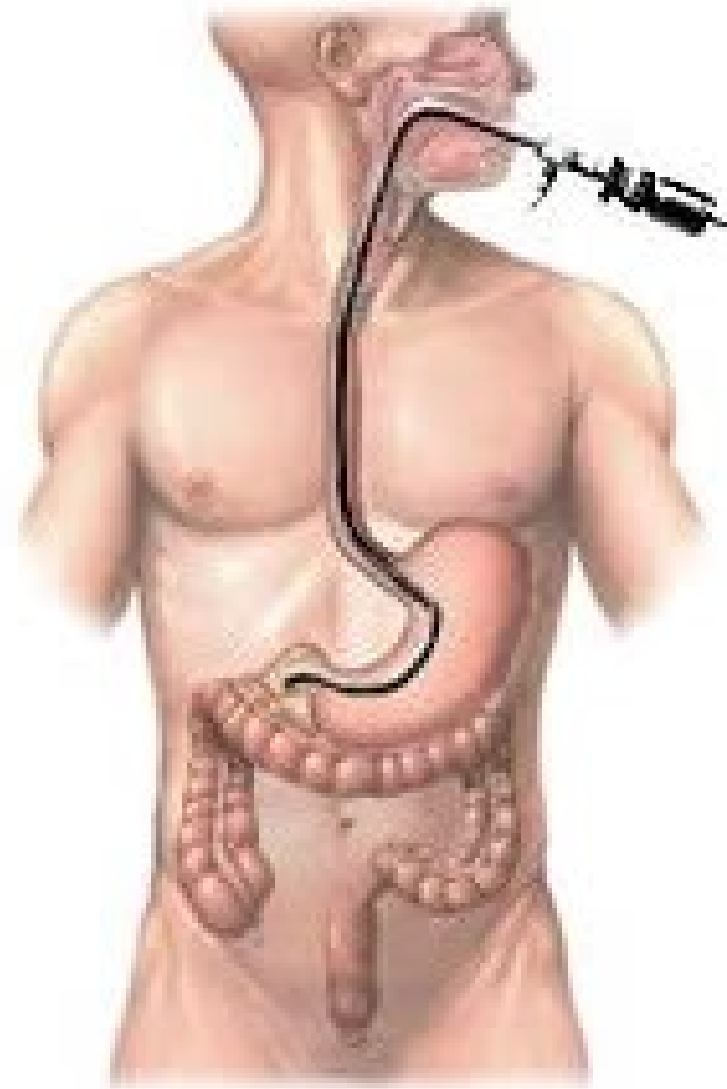
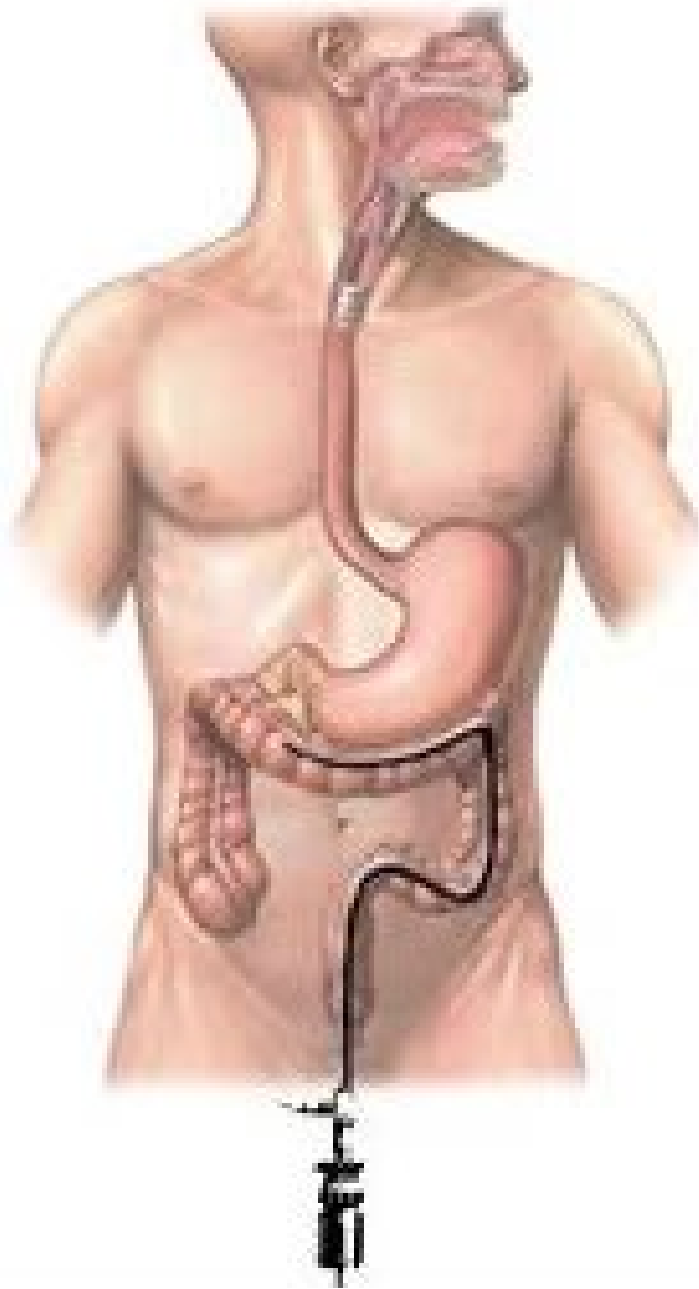


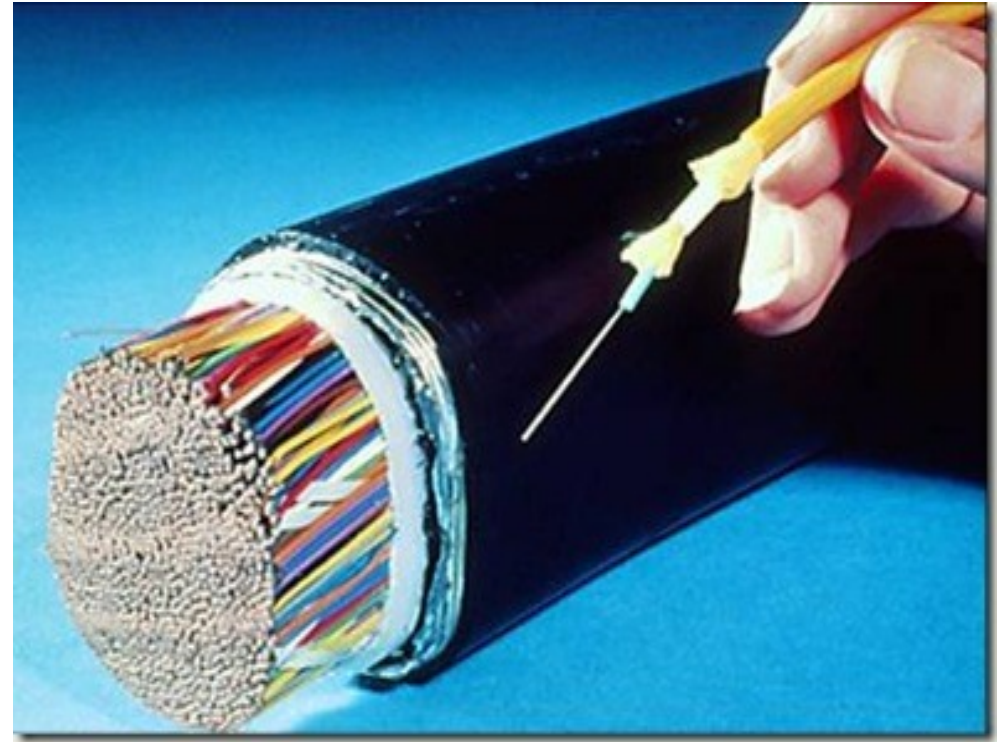
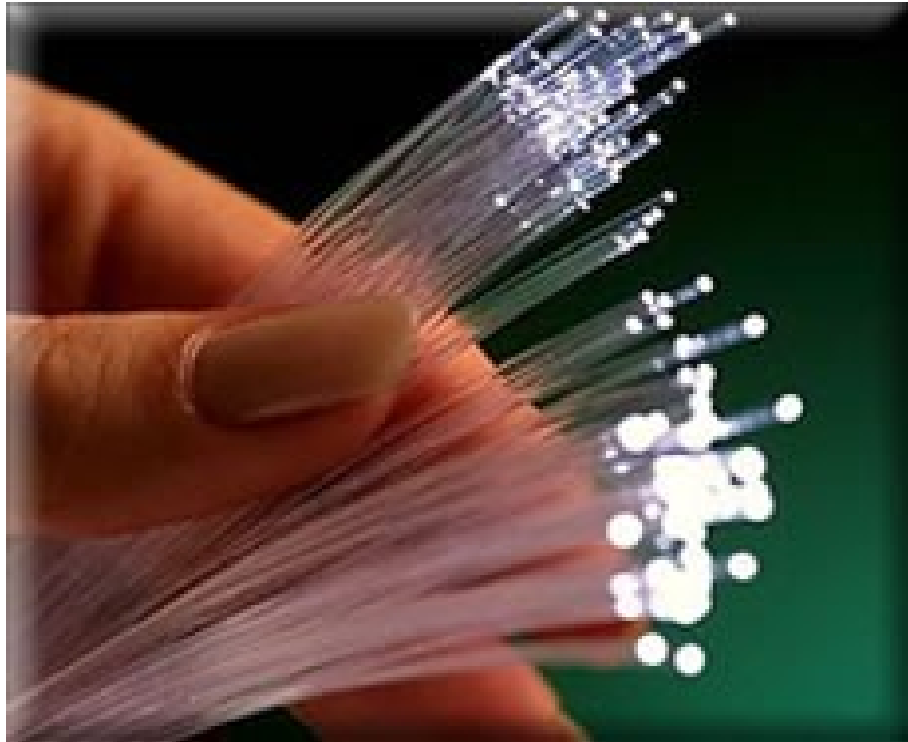
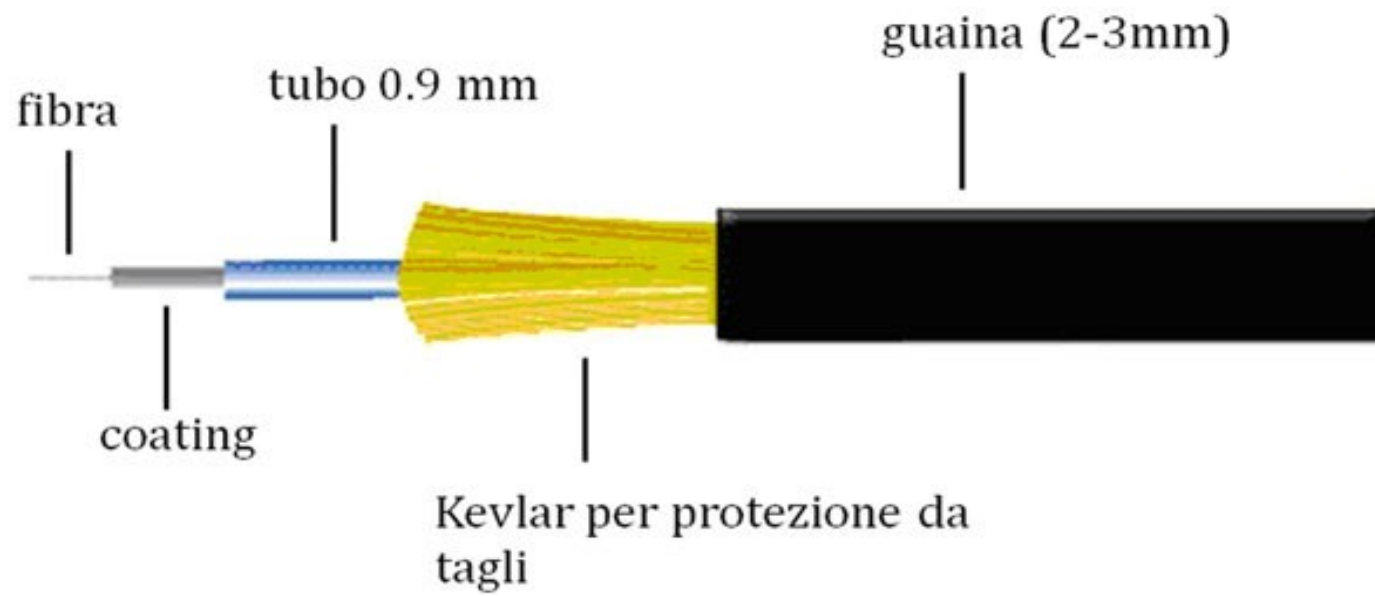




Particolare della lente







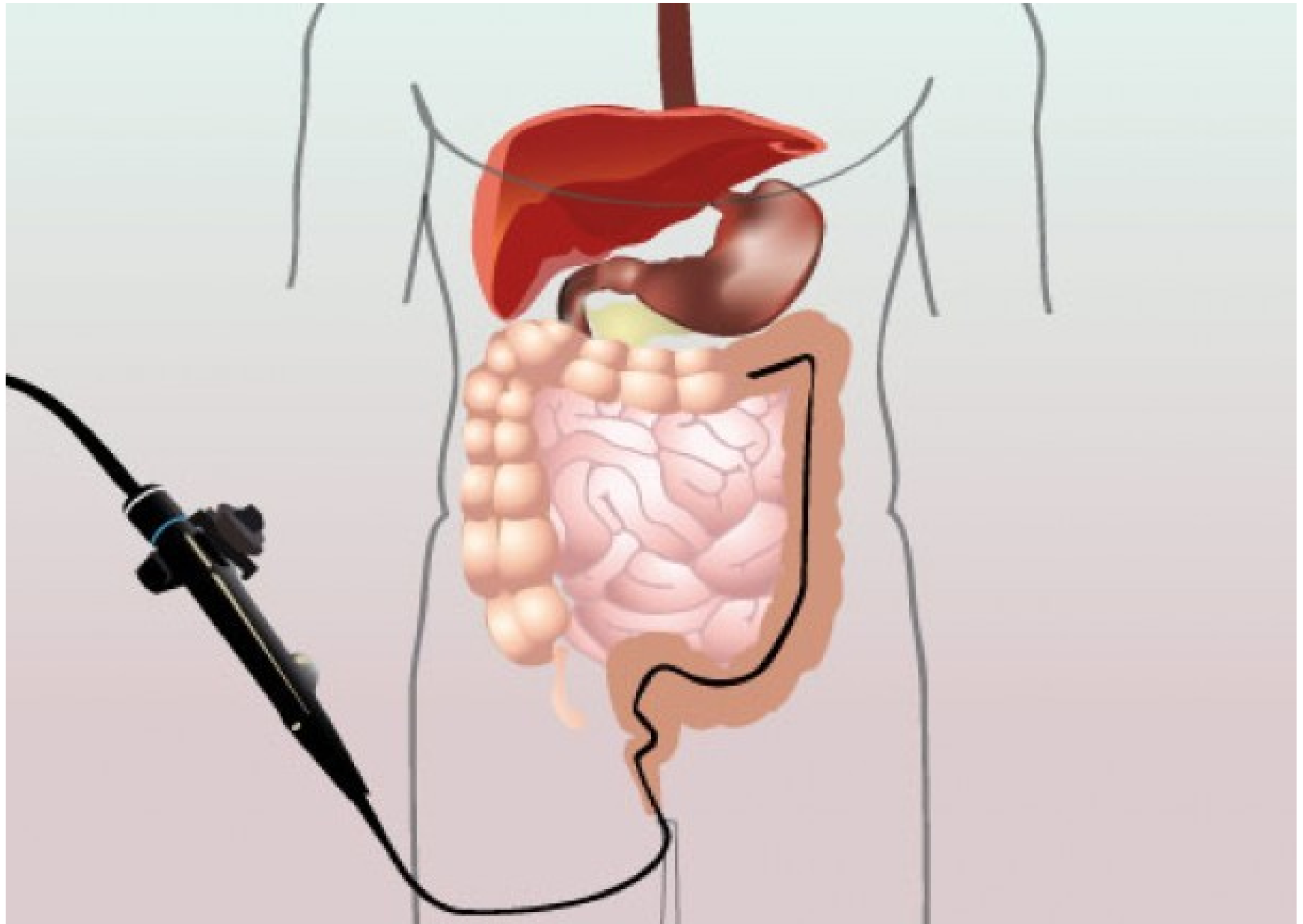


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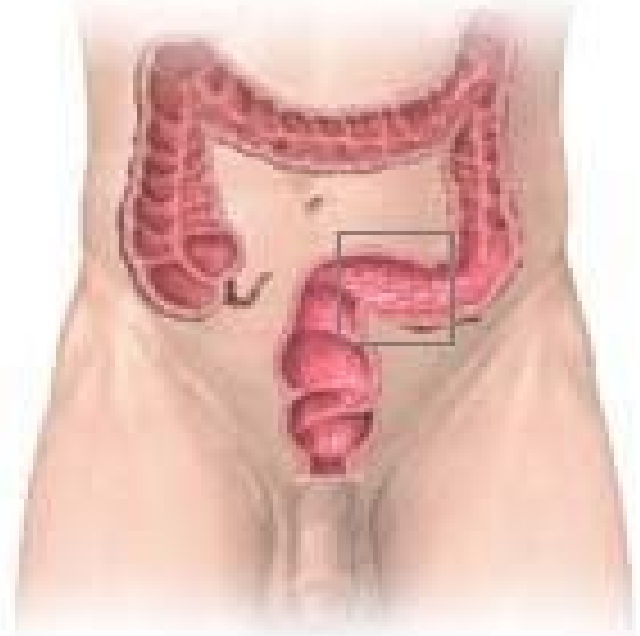
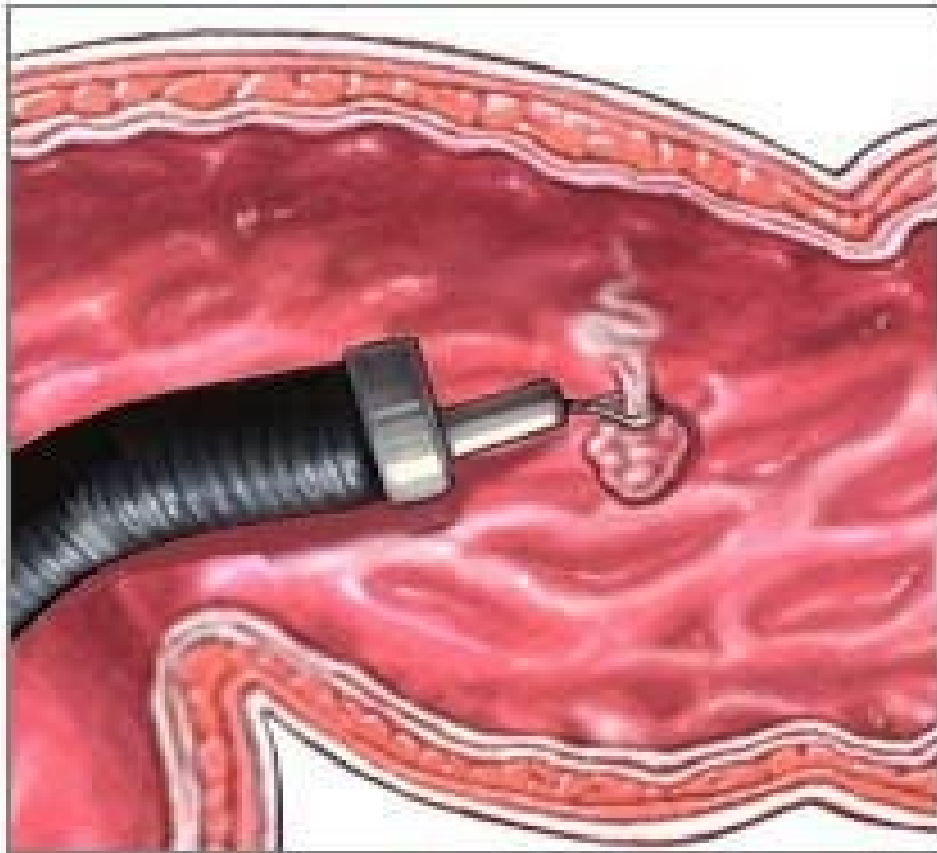
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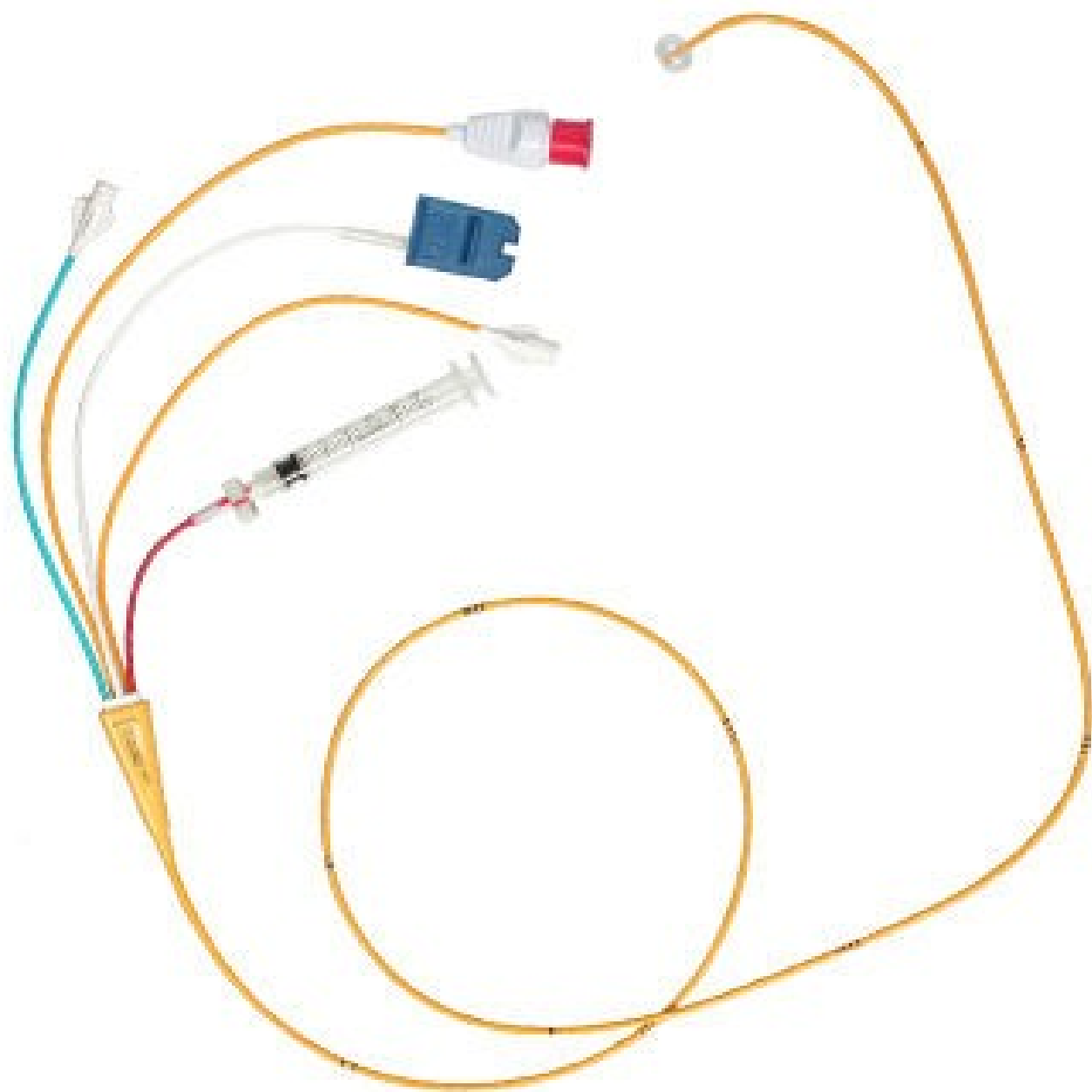


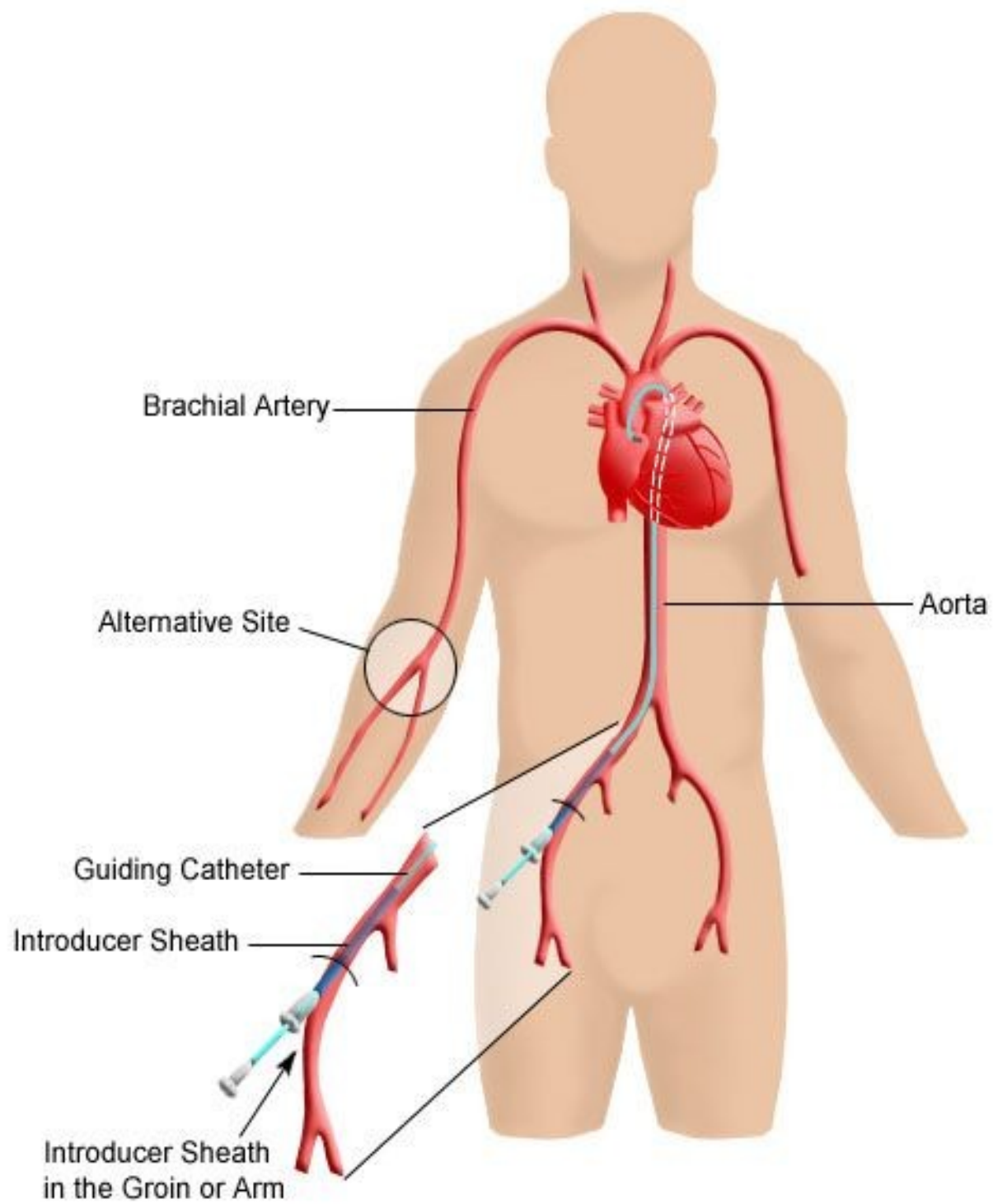




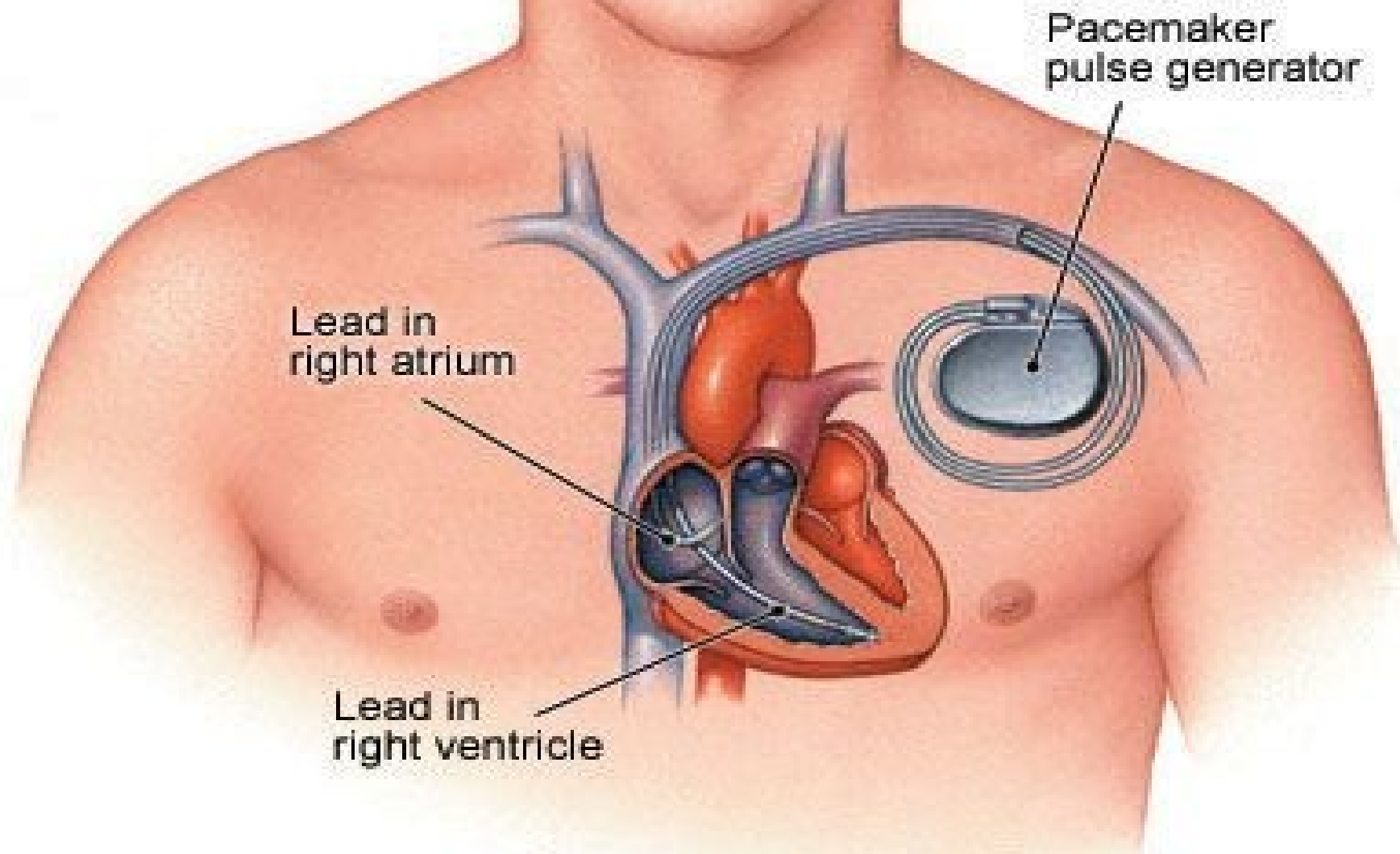


**tessuto rimosso con colonoscopia**

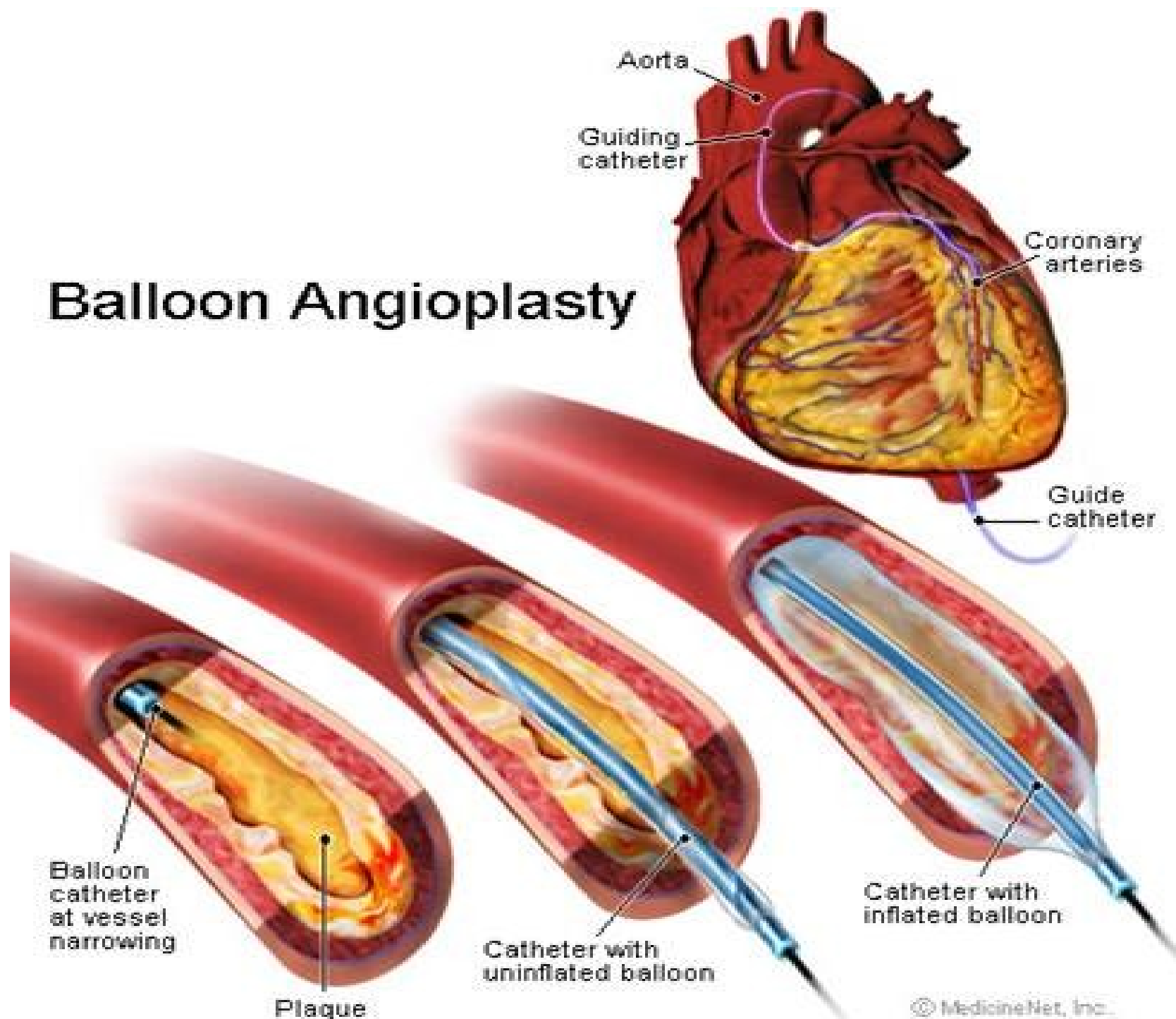


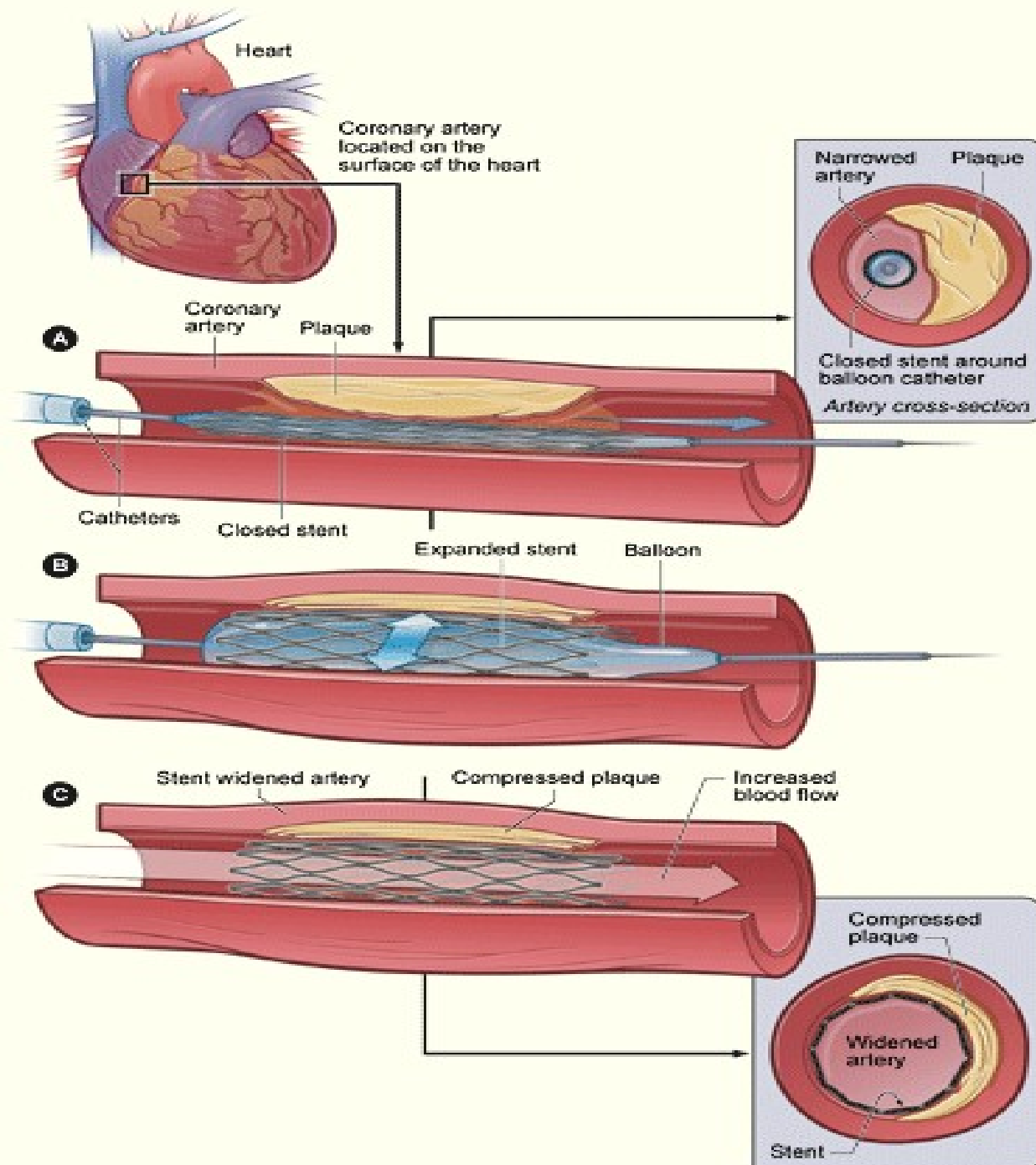


# Pacemaker



# Balloon Angioplasty









.85

CONNECTION

SE 89



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CHOLINE

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DNA profiling  
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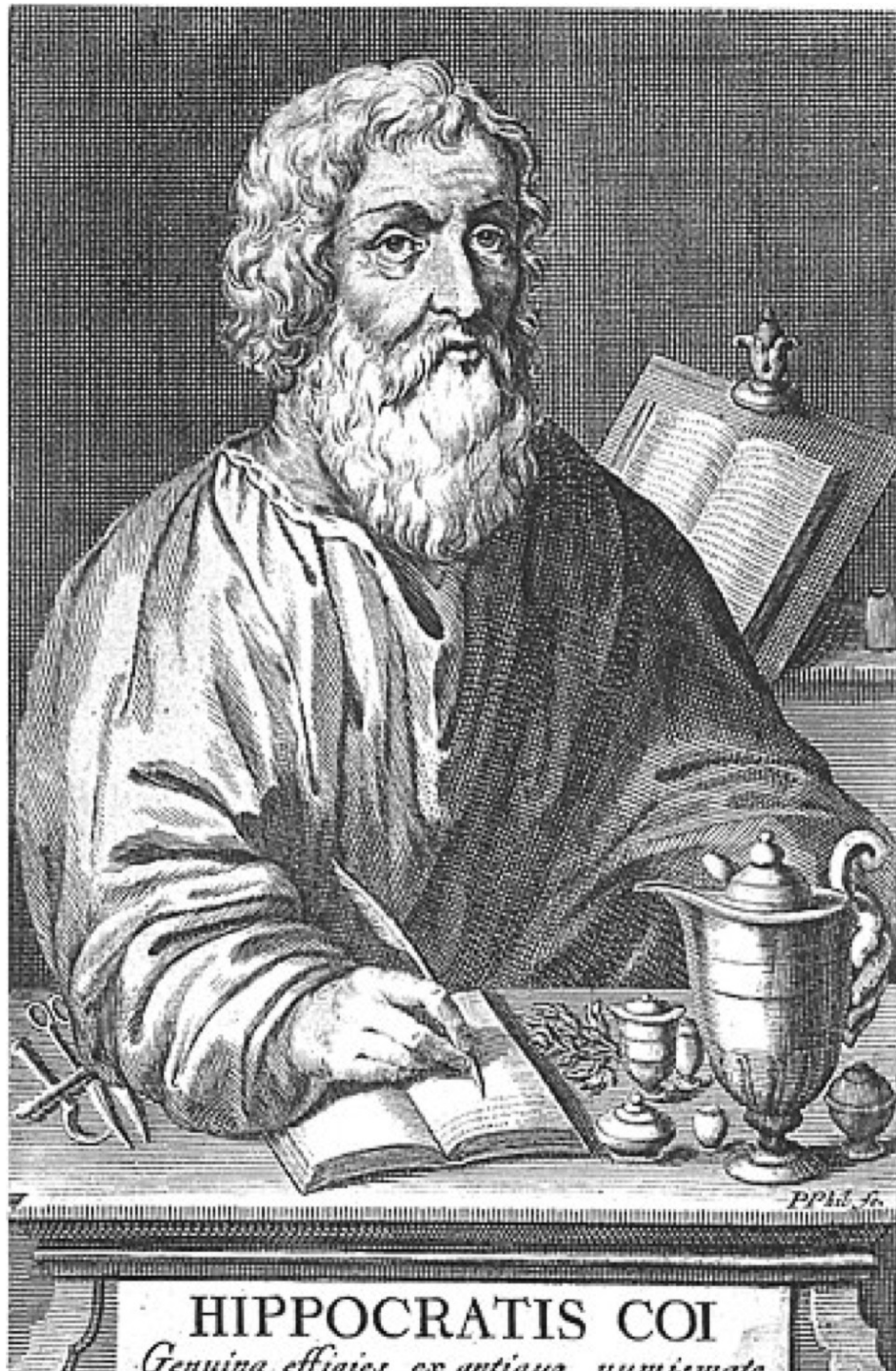
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**Esistono soltanto due cose:  
scienza ed opinione;  
la prima genera conoscenza,  
la seconda ignoranza.**

---

Ippocrate di Coa



**“ IO NON  
CURO LE  
MALATTIE,  
MA  
INSEGNO  
LA  
SALUTE”**

**Potrete rivedere tutte  
le video-chiacchierate  
(e molto altro)**

**di Tarcisio Niglio  
andando sul sito**

**[tarcisioniglio.it](http://tarcisioniglio.it)**