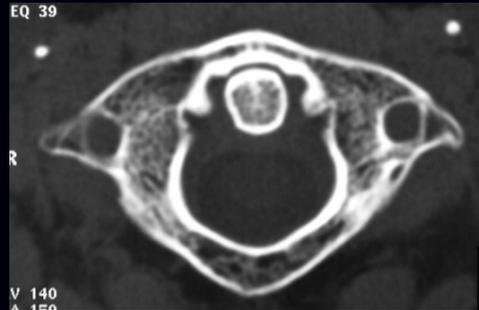


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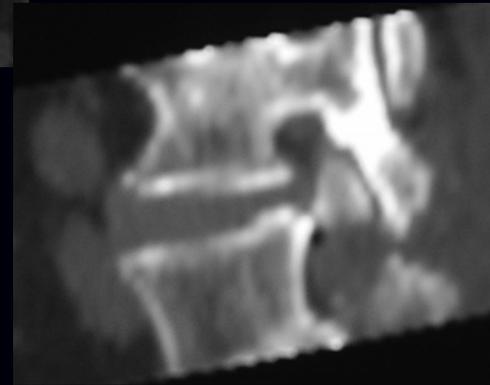
*Tecnica TC ed RM
nello studio della
colonna*

Tecnica TC: colonna

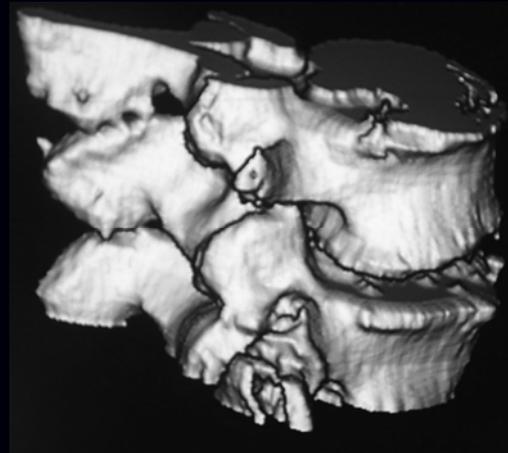
- *TC ad alta risoluzione*



- *Ricostruzioni multiplanari*



- *Immagini tridimensionali*



Tecnica TC : colonna

- *scanogramma (scout view)*

- *inclinazione degli strati*
- *spessore di strato*



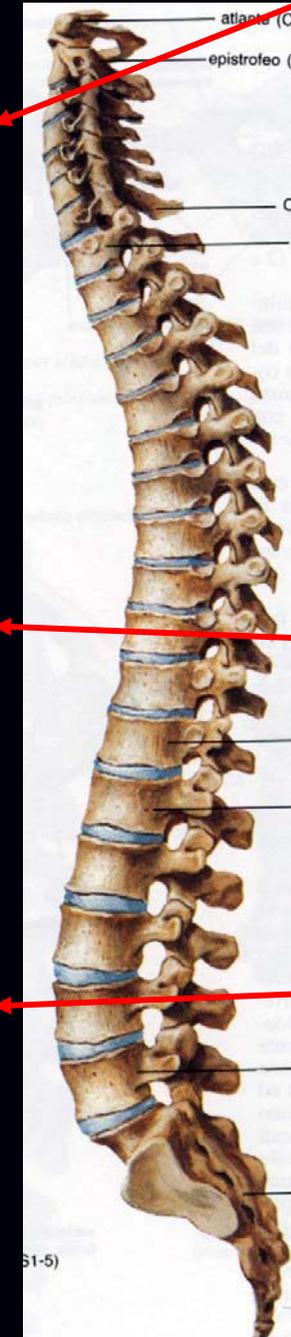
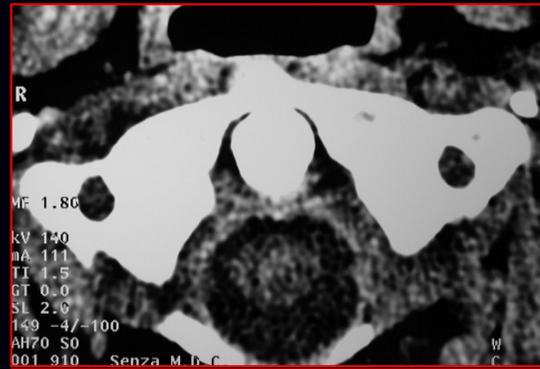
- *mdc*
- *mielo-TC*



RM

Tecnica TC

- *inclinazione degli strati*

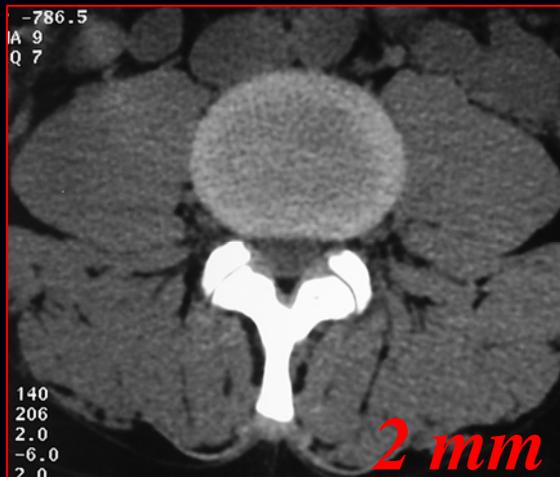
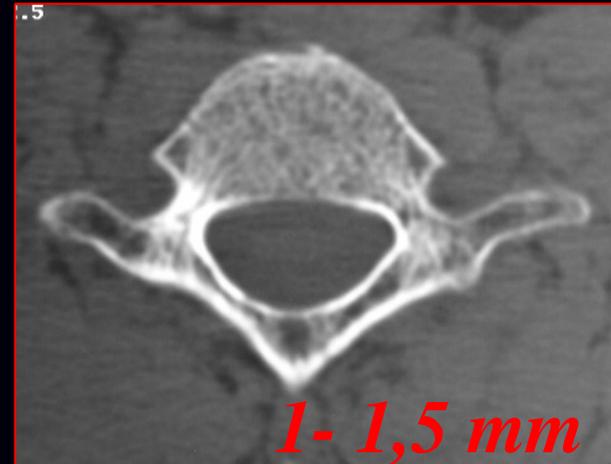


Tecnica TC

- *spessore di strato*



- *distretto anatomico*
- *quesito clinico*



Tecnica TC

• spessore di strato sottile



*rumore
nell'immagine*

Cervico - dorsale

Lombo - sacrale

Tecnica TC: colonna

•Parametri di ricostruzione

•Matrice elevata

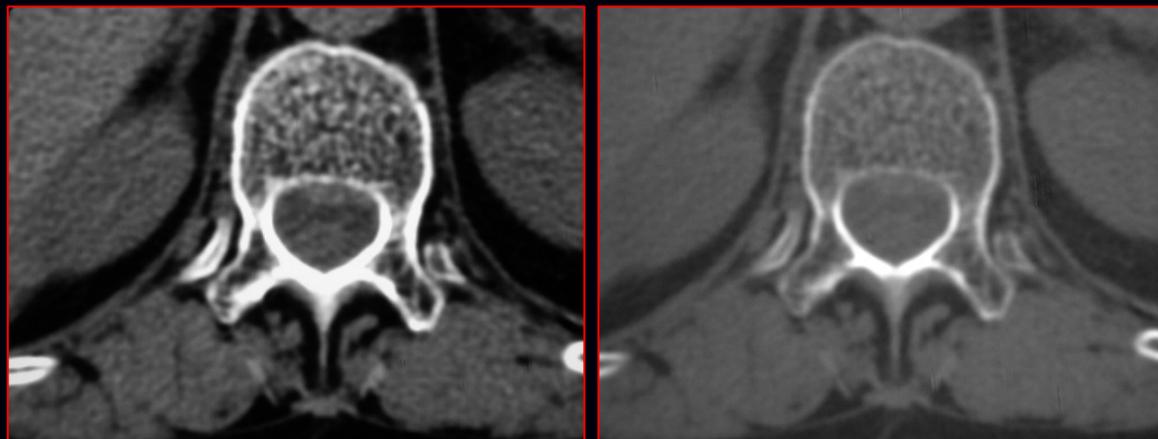
512x512

*•Algoritmo di
ricostruzione*

Alta risoluzione

•Finestra

Tess. Molli/Osso



Tecnica TC: colonna

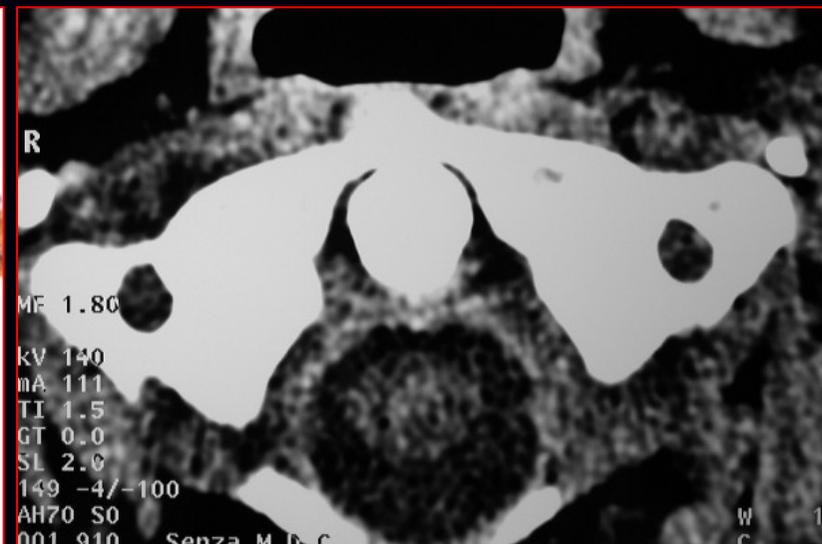
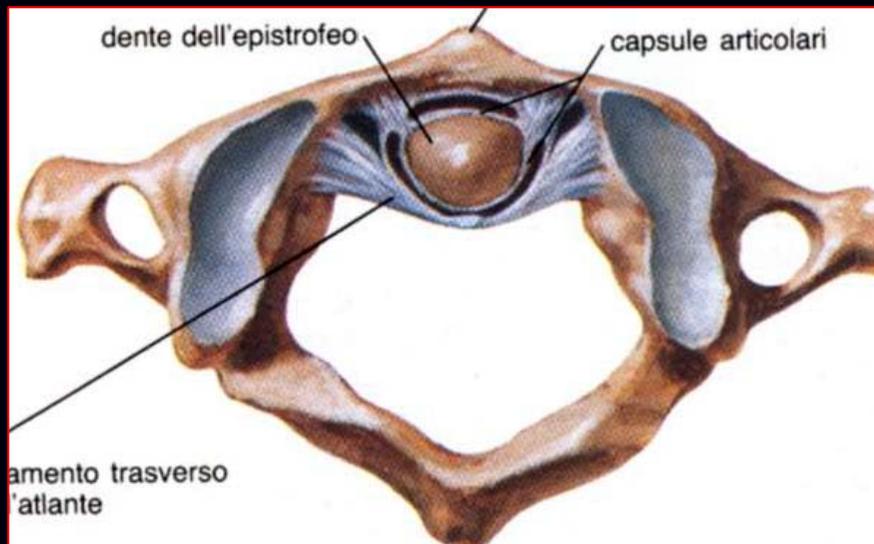
•Parametri di esposizione

•Kilovolt

120 KV

•Milliampere

Elevati/bassi



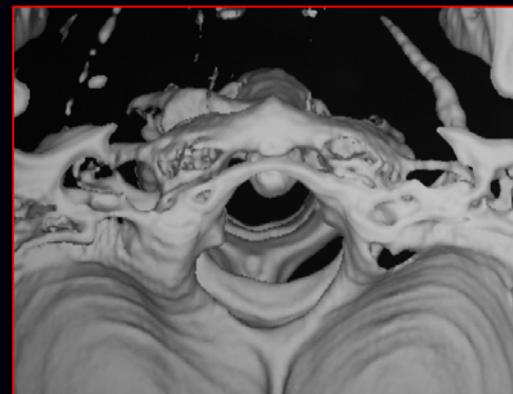
Tecnica TC: colonna

•Imaging 3D

•bidimensionale



•tridimensionale



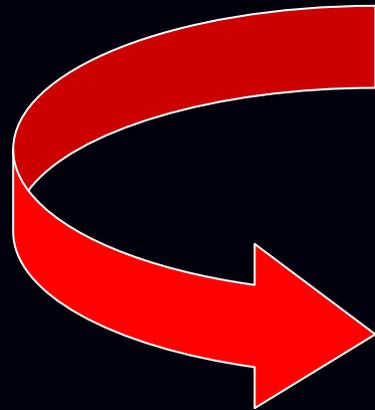
Tecnica TC: colonna

• *bidimensionale*

interpolato



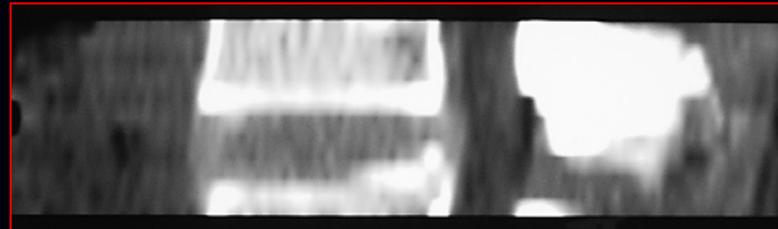
sezionato



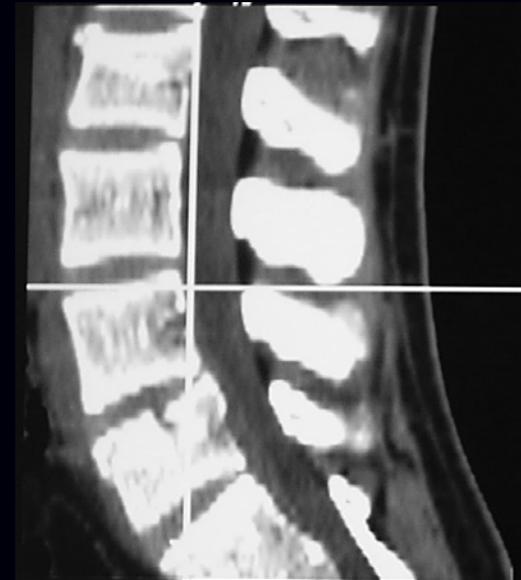
Piano assiale

- *Longitudinali*
- *Obliqui*

Tecnica TC: colonna

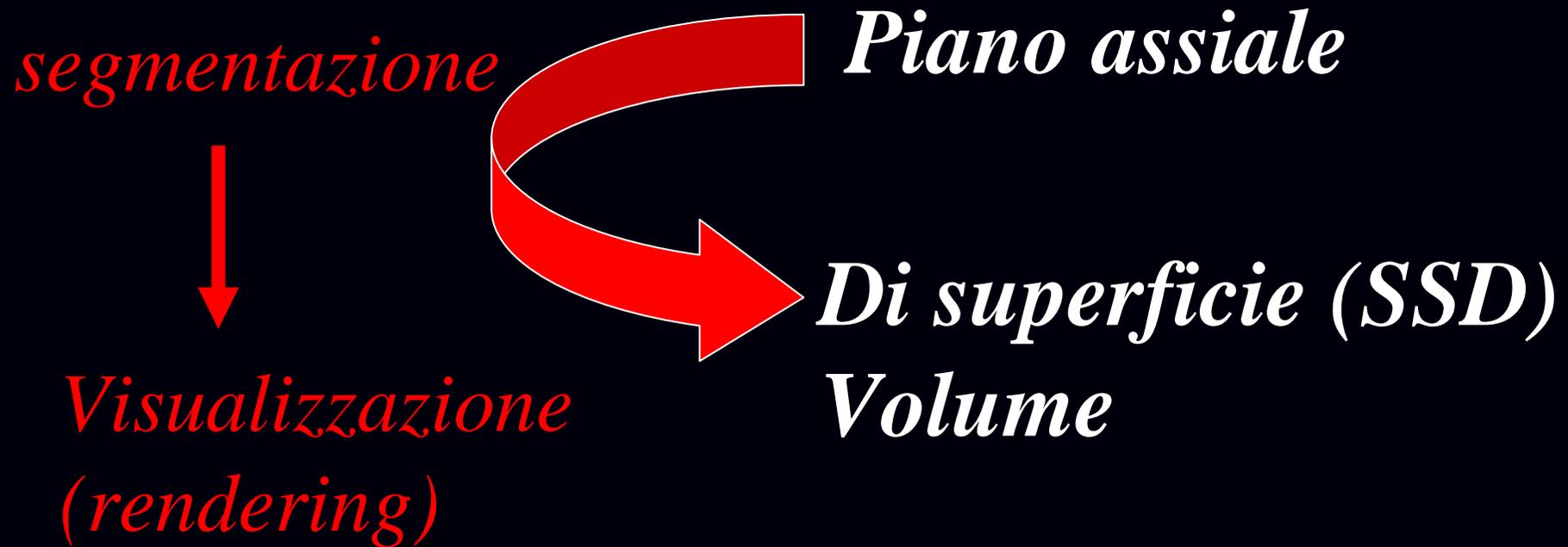


Tecnica TC: colonna

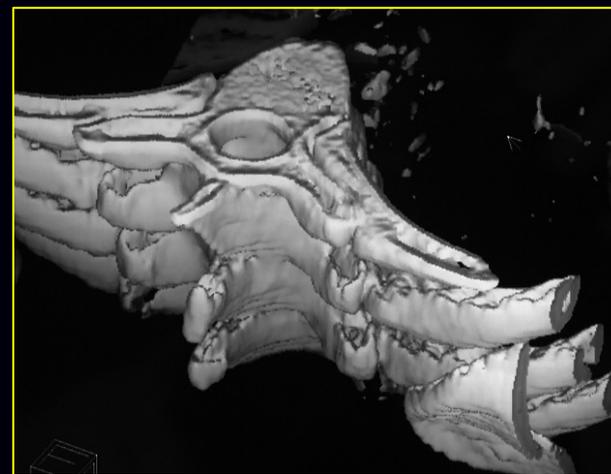
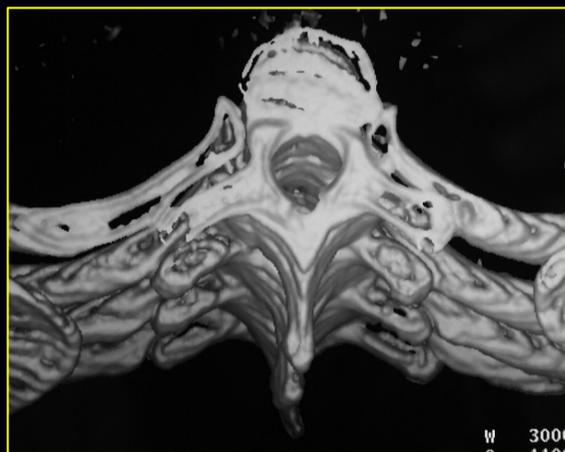
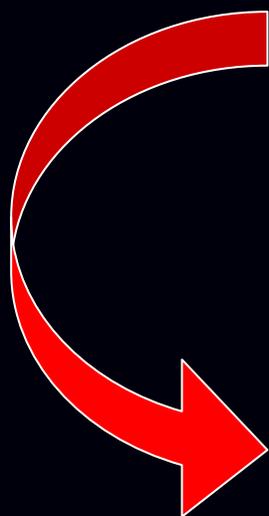


Tecnica TC: colonna

• *tridimensionale*

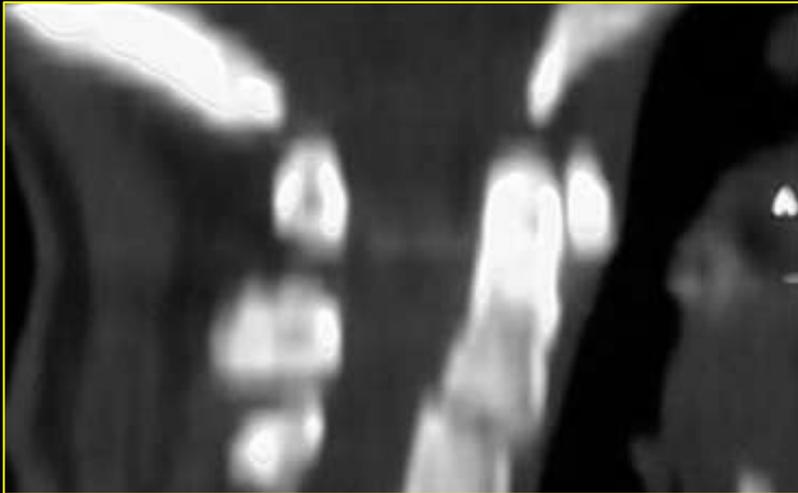


Tecnica TC: colonna

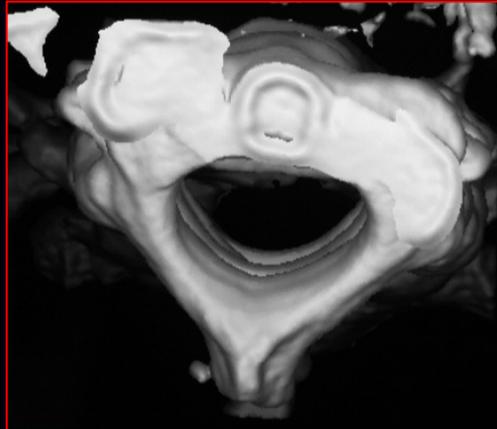
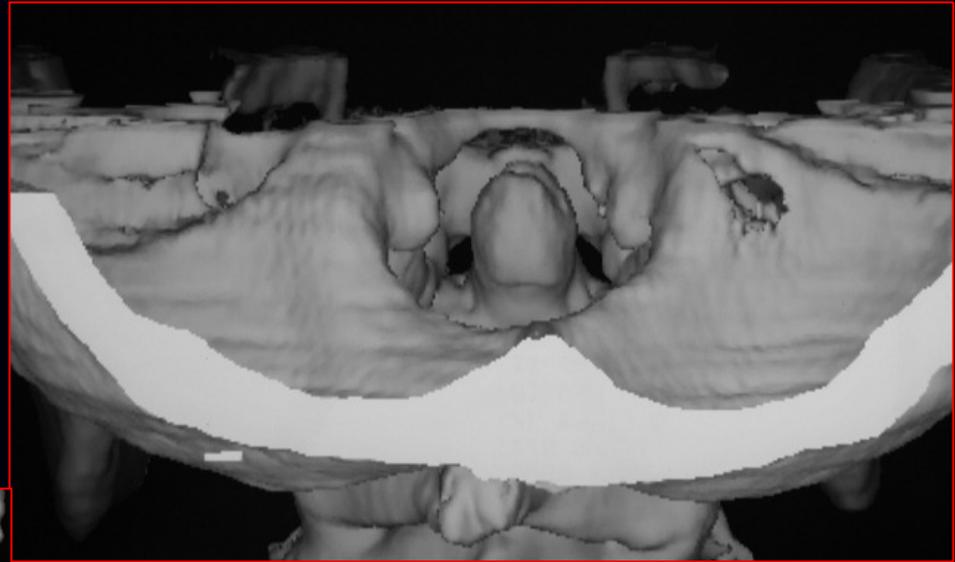


Tecnica TC: colonna

• *bidimensionale*



• *tridimensionale*



Tecnica RM: colonna

- Sequenze di acquisizione*
- Multiplanarieta' e panoramicieta'*
- Acquisizioni dinamiche*
- Non utilizzo di radiazioni ionizzanti*

Tecnica RM: colonna

Sequenze:

- FSE T2
- FSE T1 (SE)
- T2 Fat Sat,
- GR T2,
- Mielo-RM

MDC (patologia midollare,
post-chirurgia,.....)

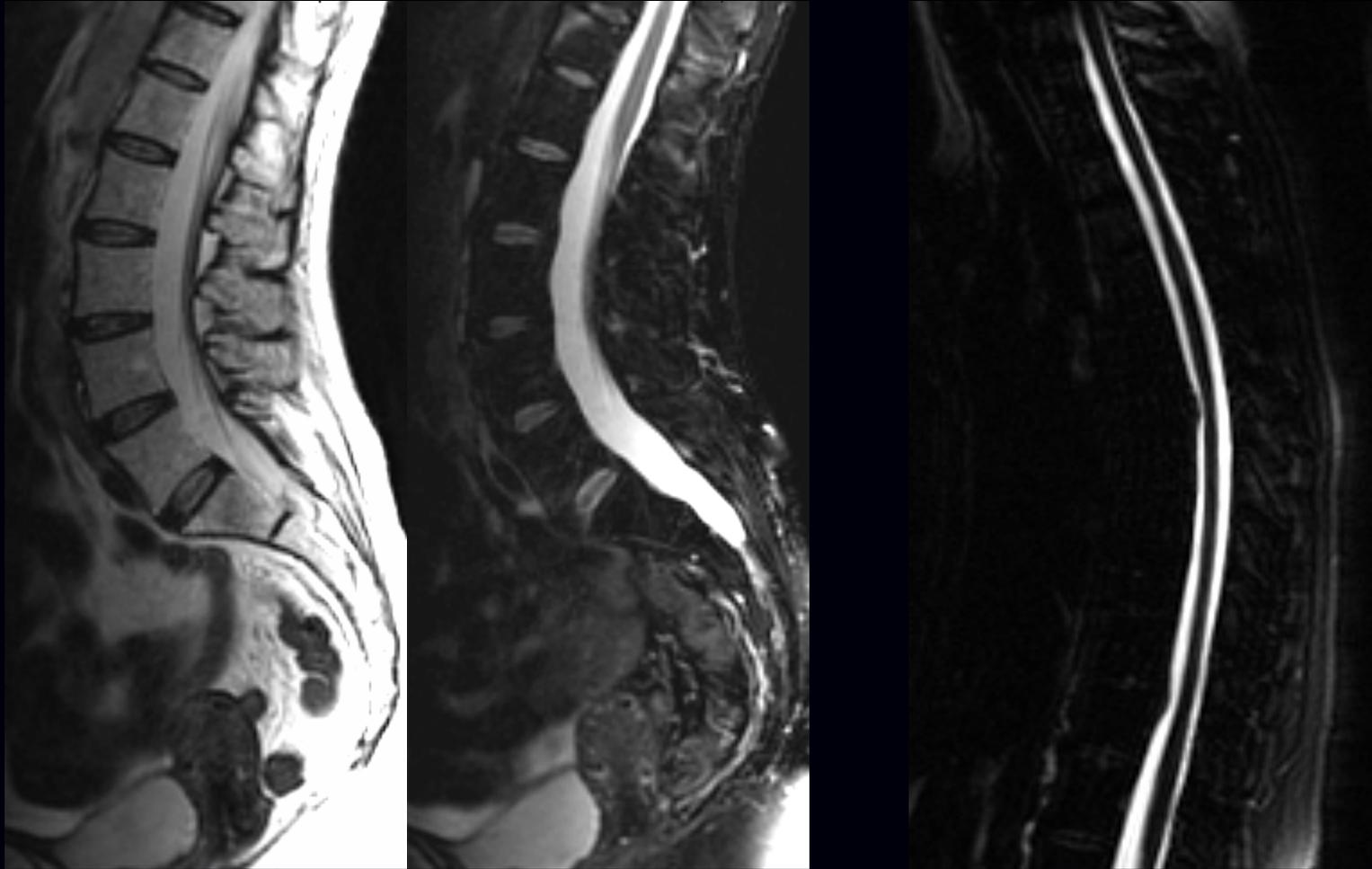


T1

T2

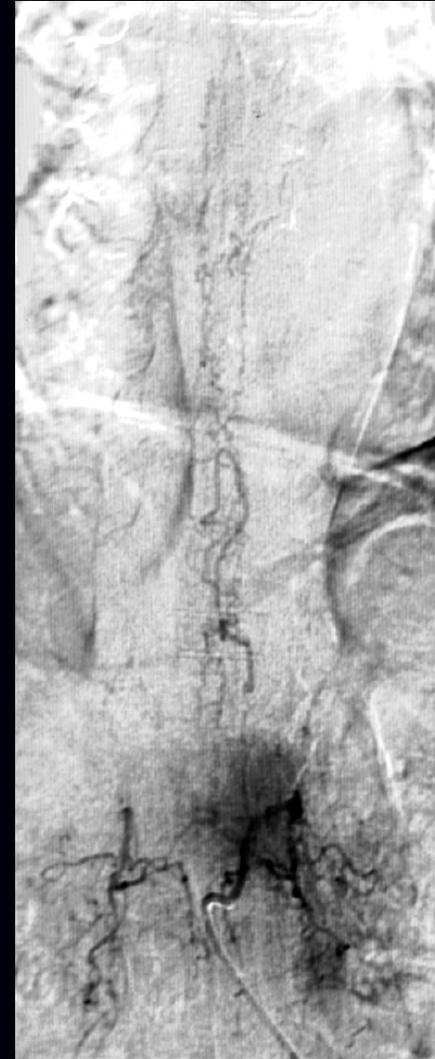
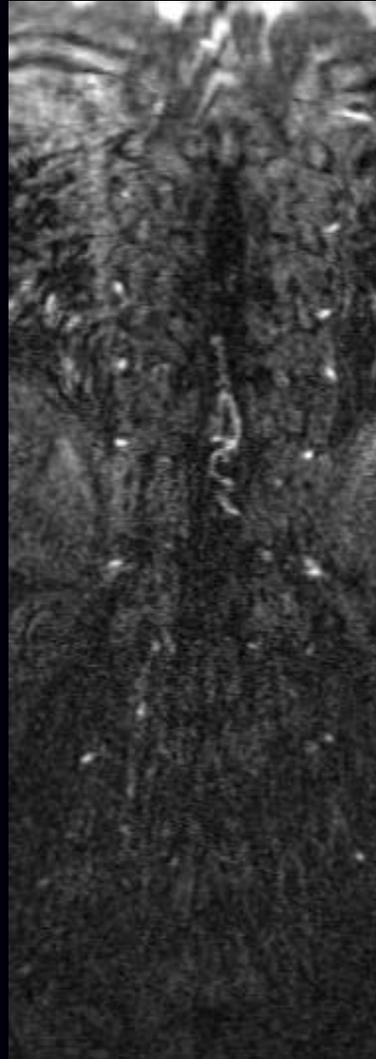
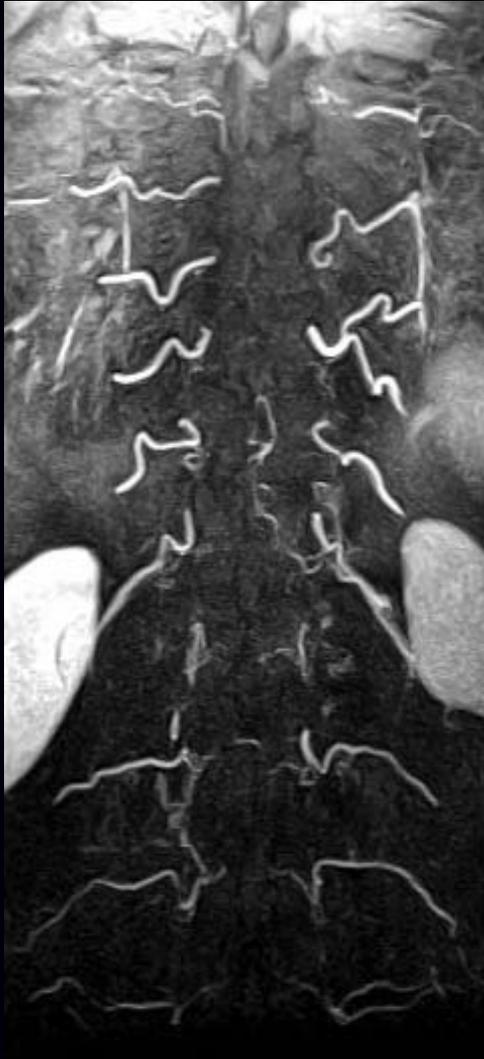
Tecnica RM: colonna

Sequenze di acquisizione



Tecnica RM: colonna

Sequenze di acquisizione

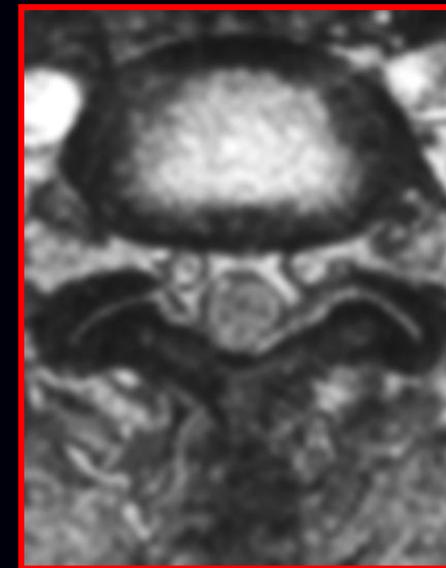
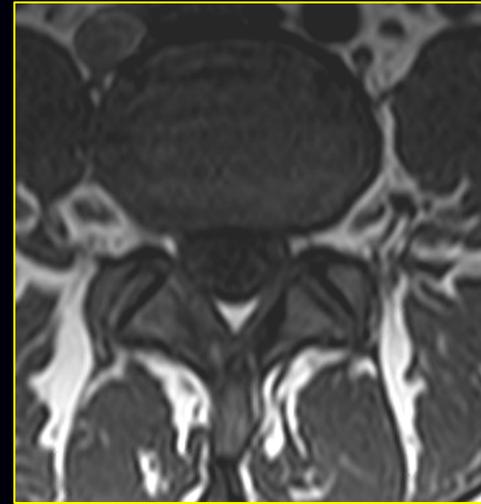
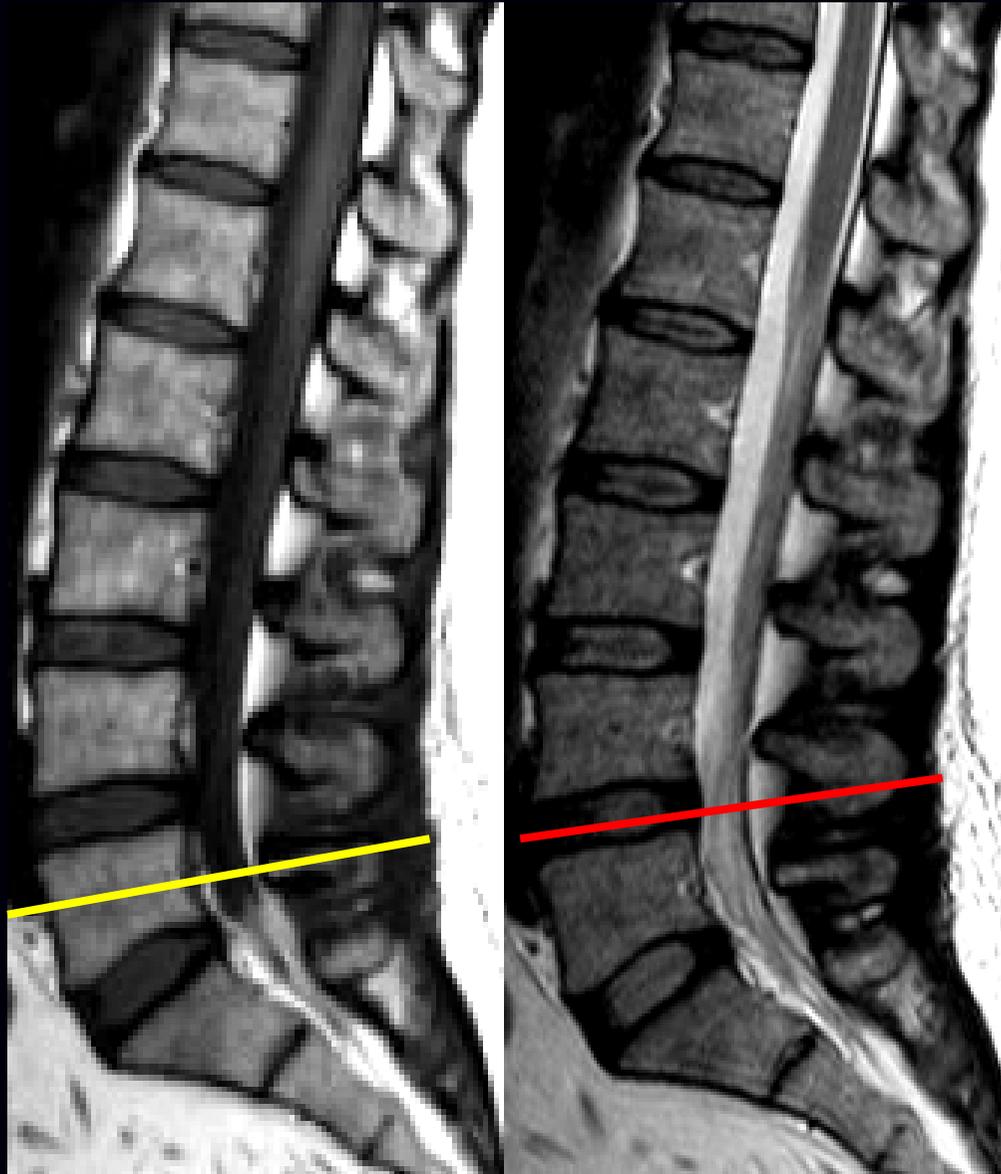


Tecnica RM: colonna

- Piani di scansione:
 - Sagittali
 - Assiali
 - Coronali
 - sagittali obliqui
- Spessore di strato: 3-5mm

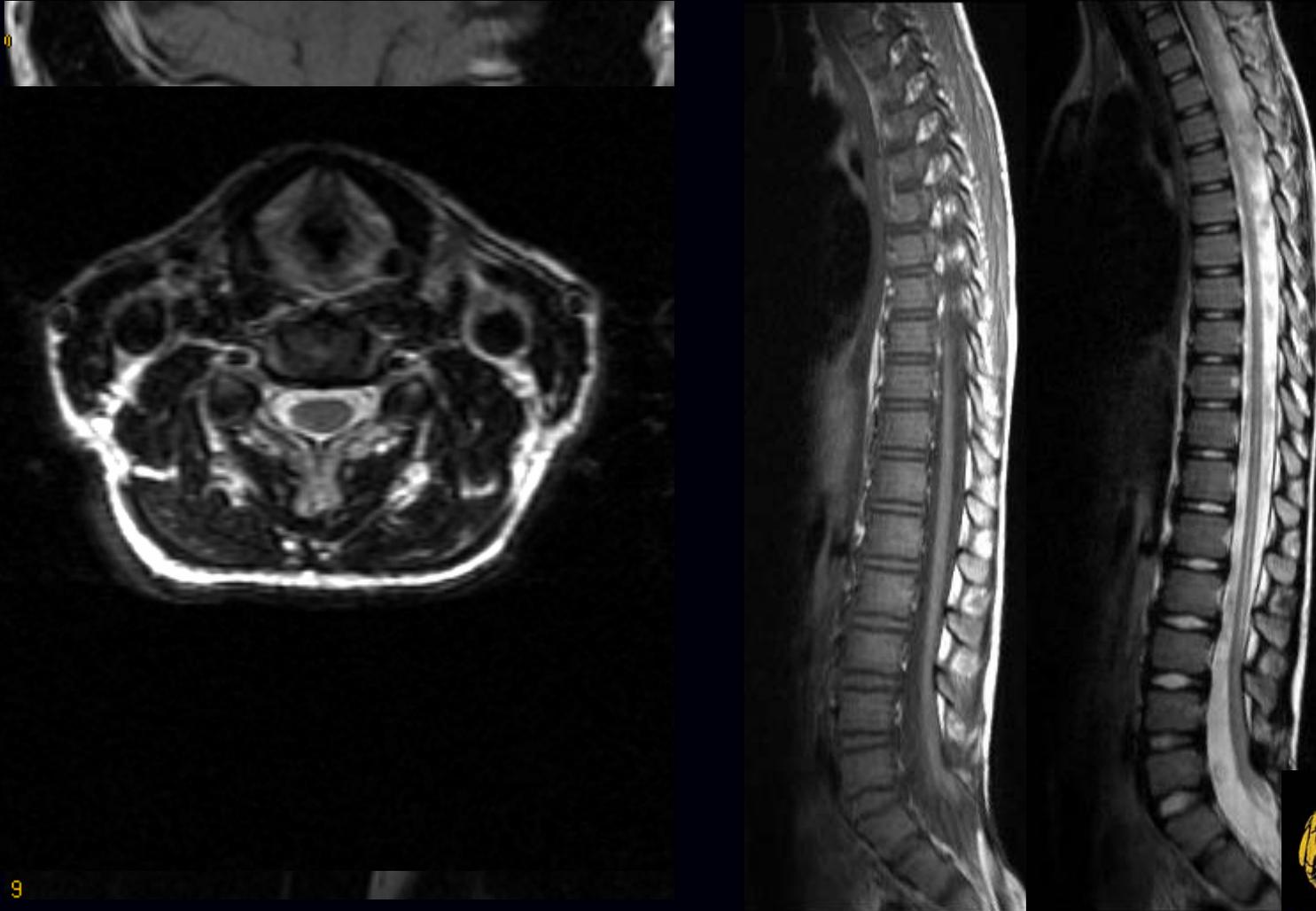


Tecnica RM: colonna

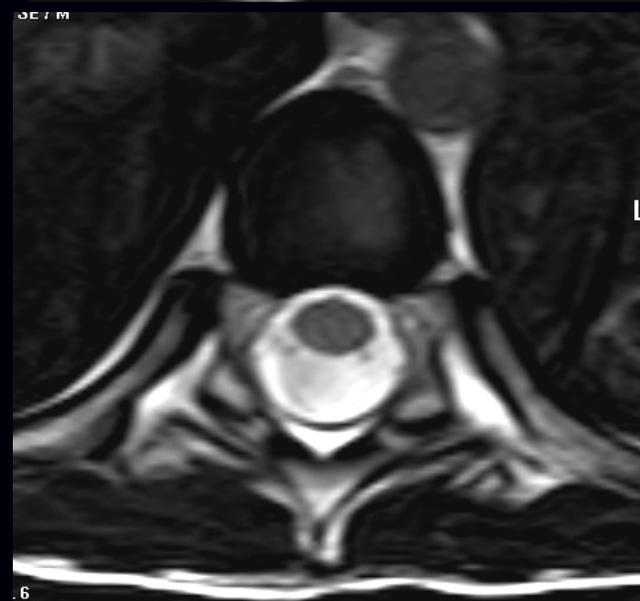
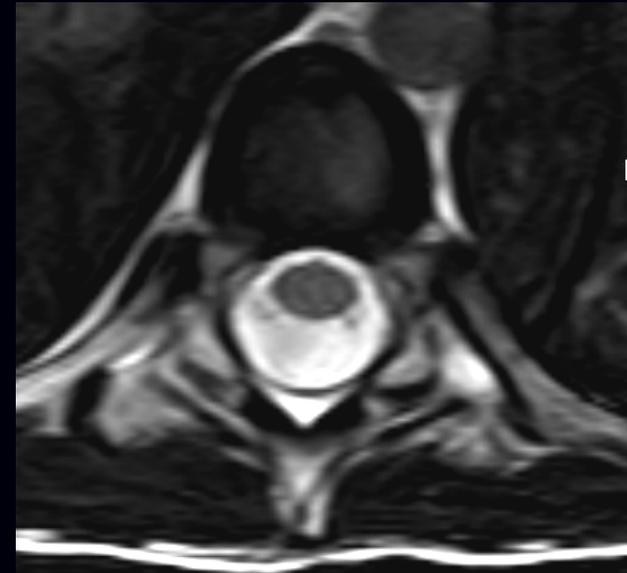


Tecnica RM: colonna

Multiplanarieta' e panoramicieta'

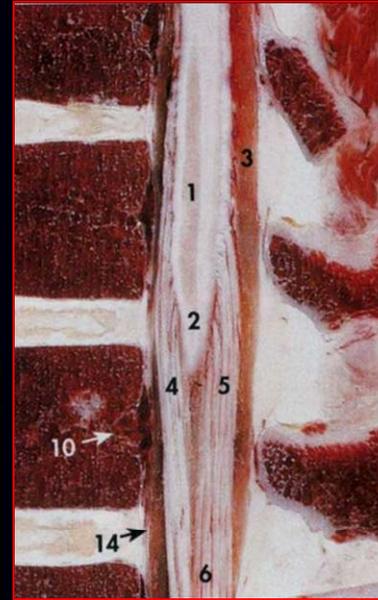
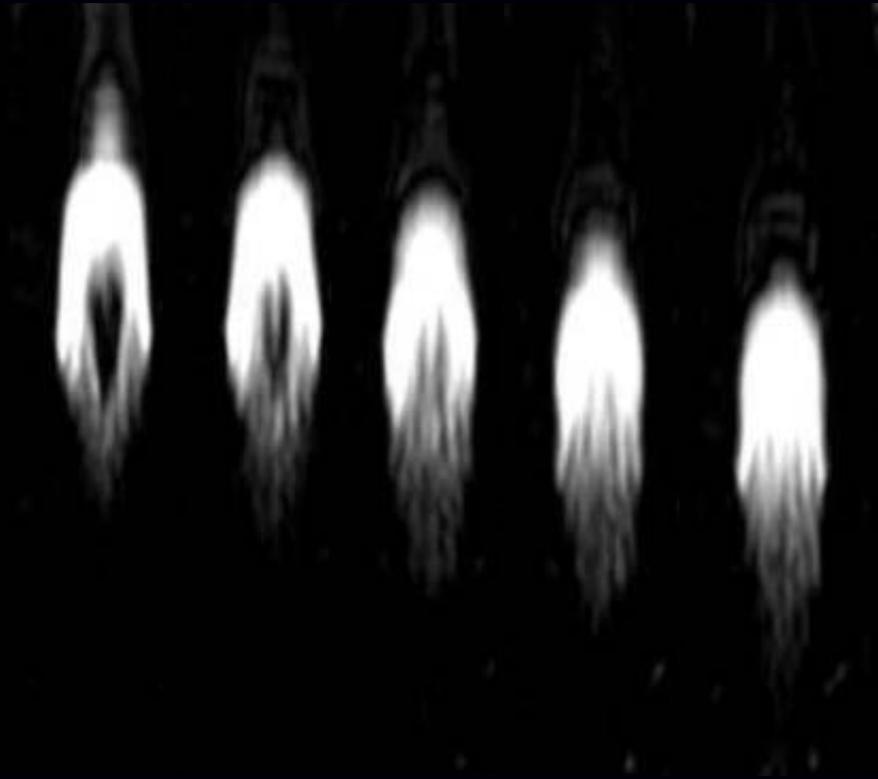


Tecnica RM: colonna



Tecnica RM: colonna

- **Mielo - RM**



Tecnica RM: colonna

Sequenze dinamiche

