

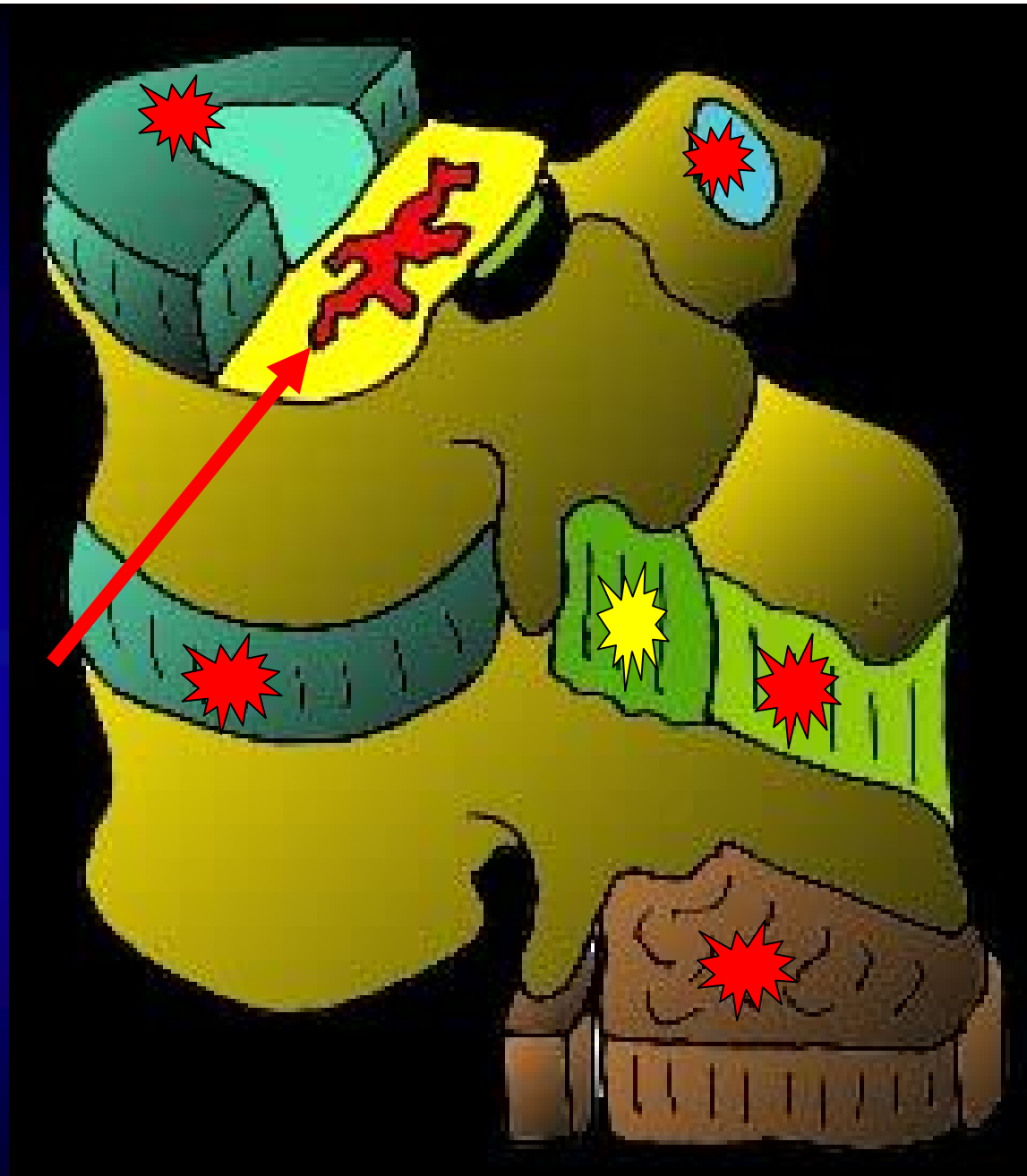
**EXAMENS PARACLINIQUES
et INDICATIONS CHIRURGICALES
dans la LOMBALGIE CHRONIQUE**

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Unité de Pathologie Rachidienne , Tripode

BORDEAUX





DOULEUR NOCICEPTIVE



1. CLICHES SIMPLES

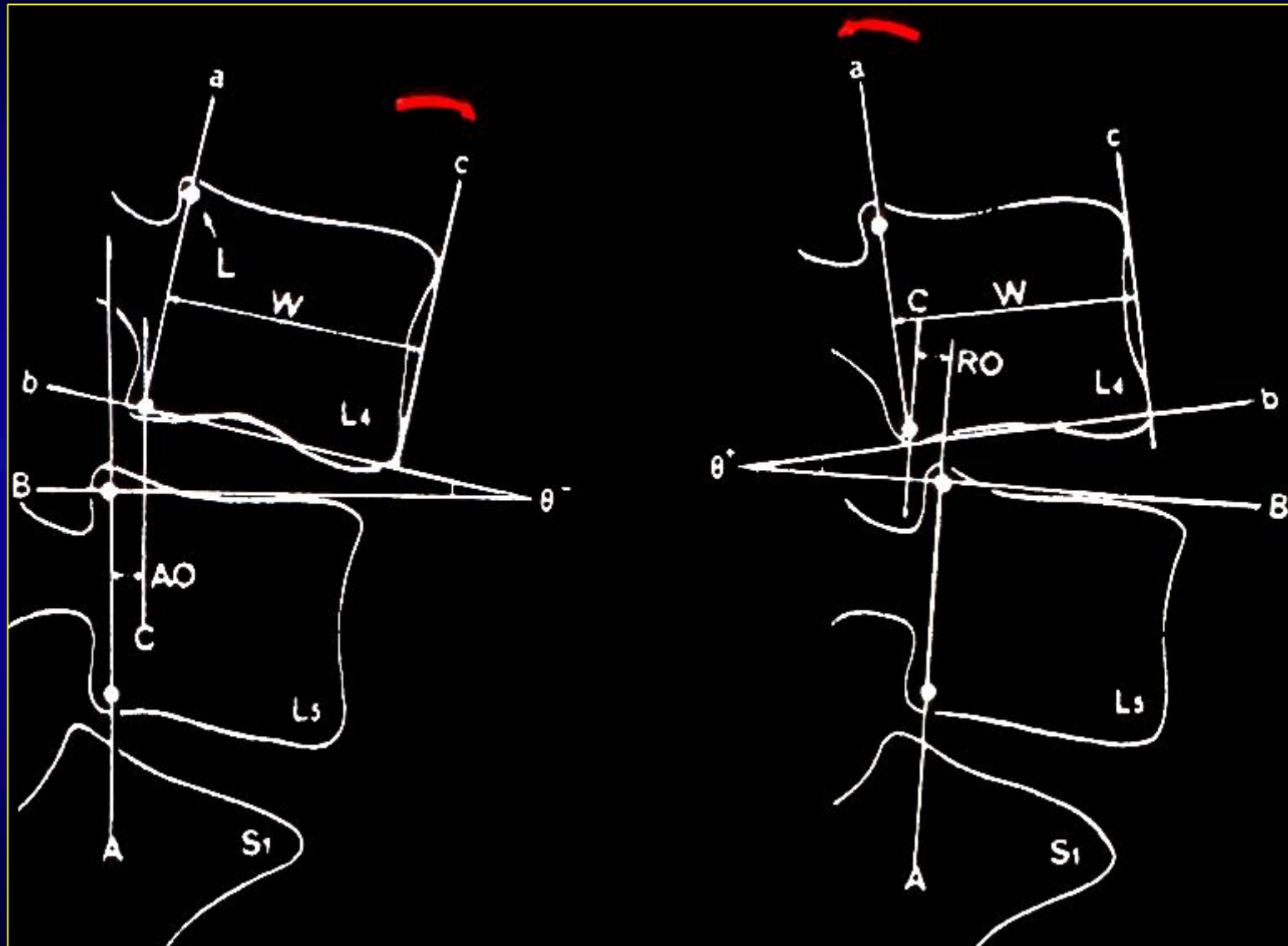


RACHIS en ENTIER

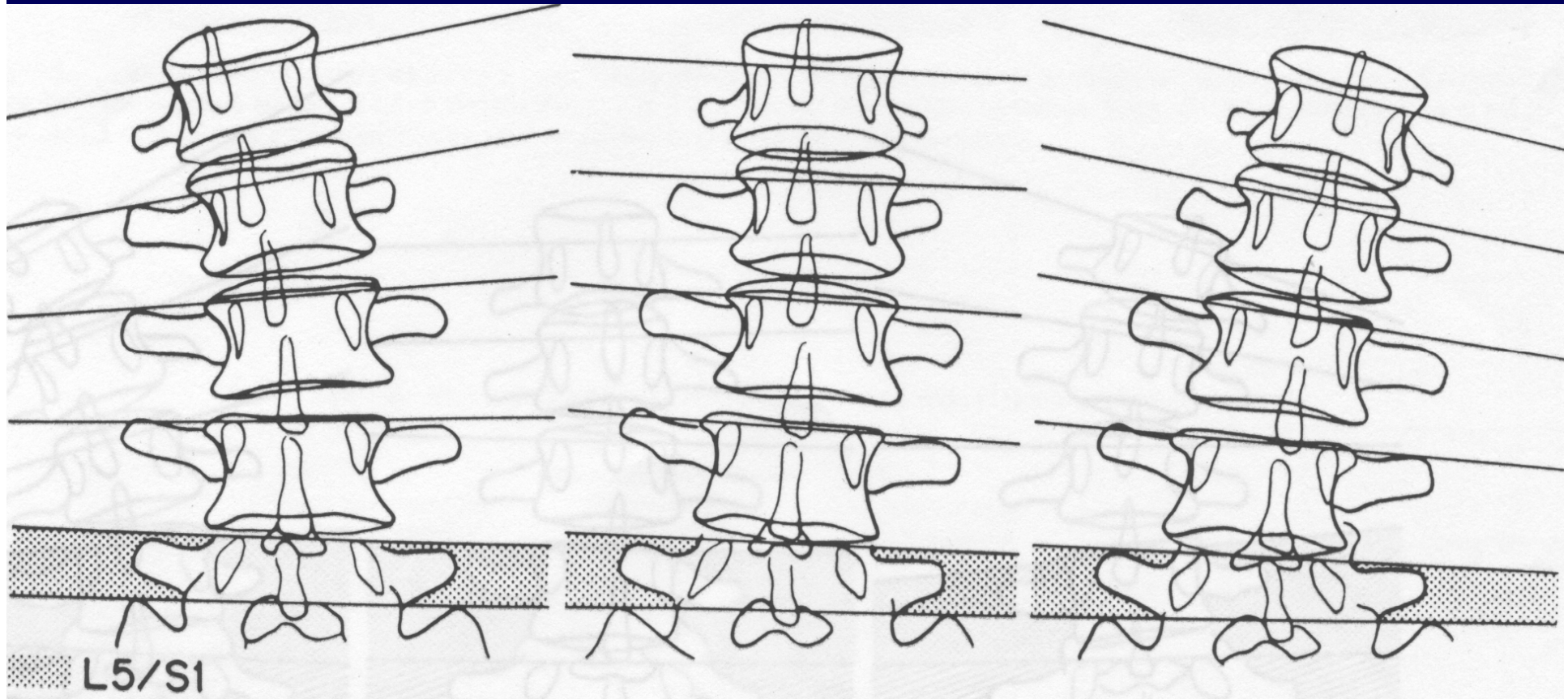
de PROFIL DEBOUT



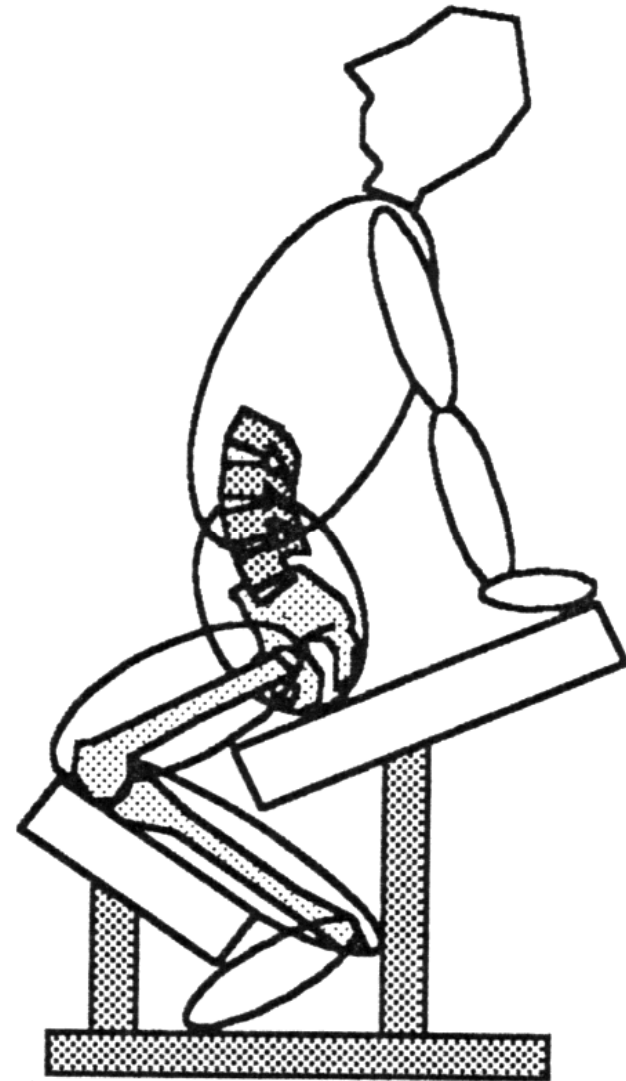
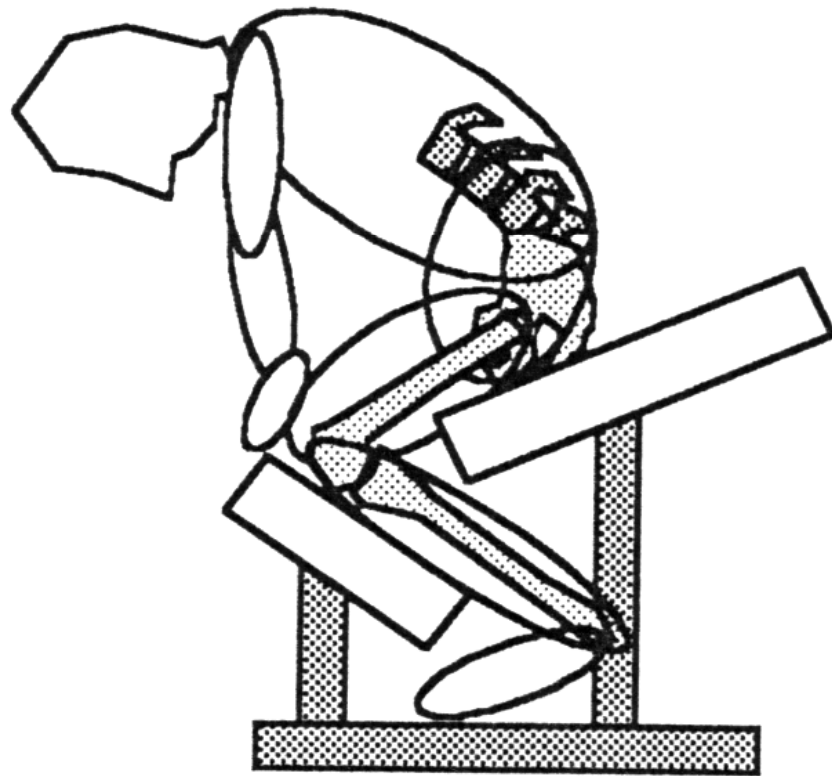
2. CLICHES DYNAMIQUES



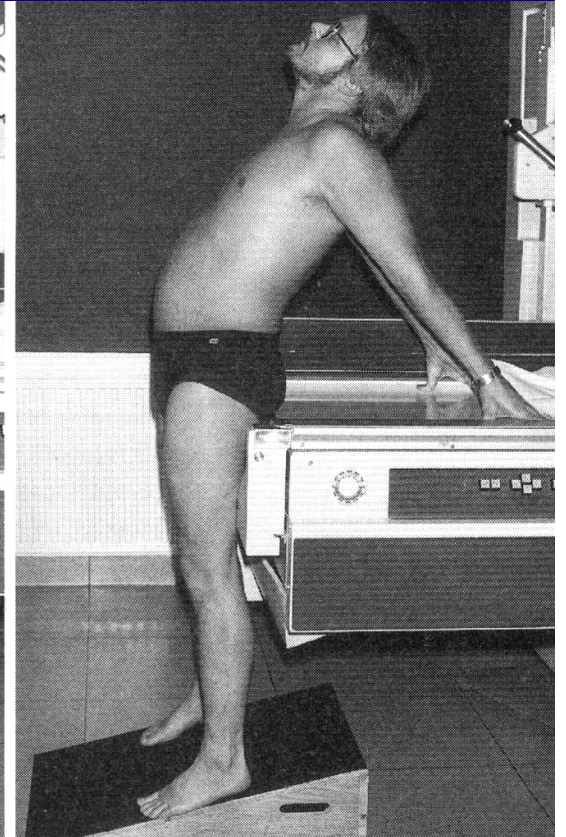
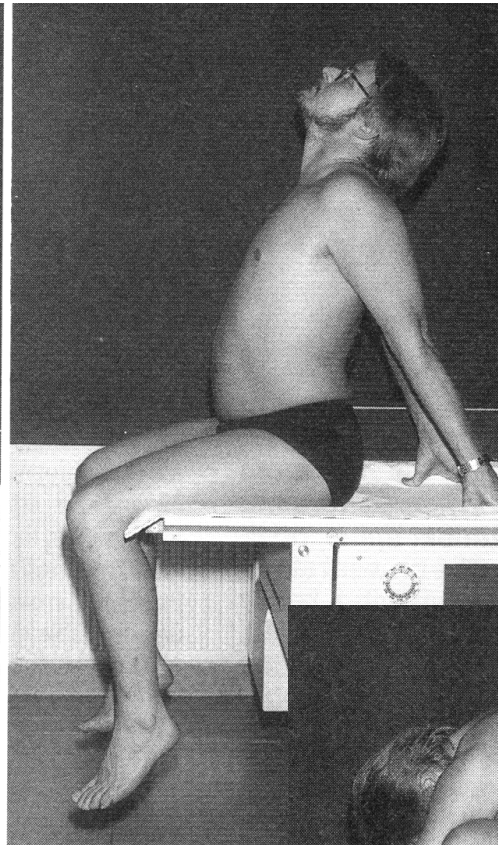
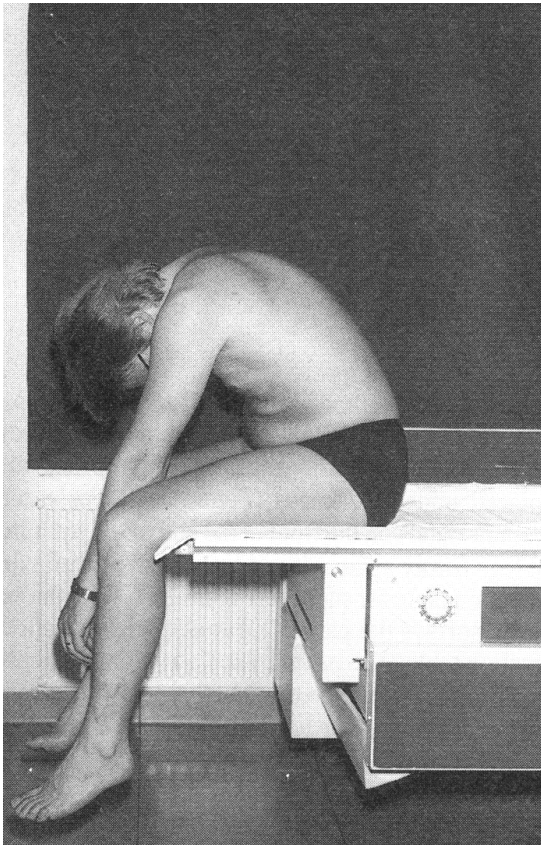
PEARCY , stéréoradiographie , 1985



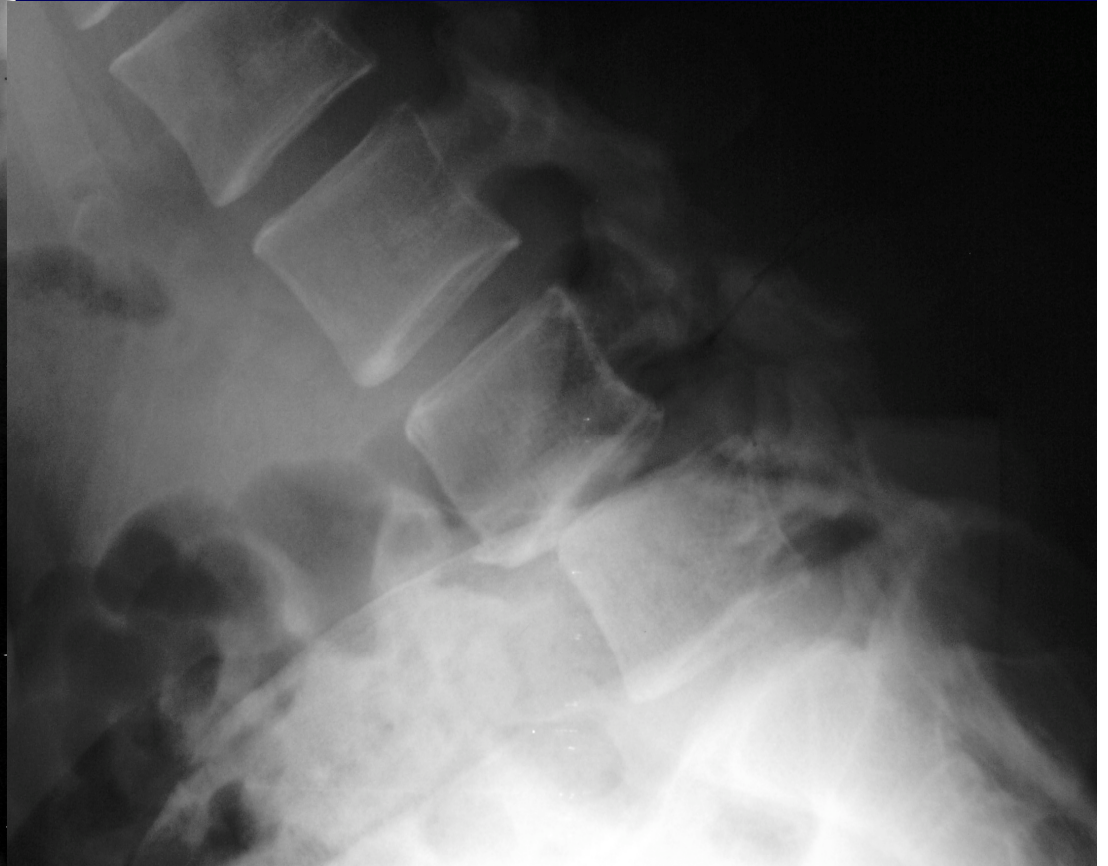
WEITZ , Spine 1981



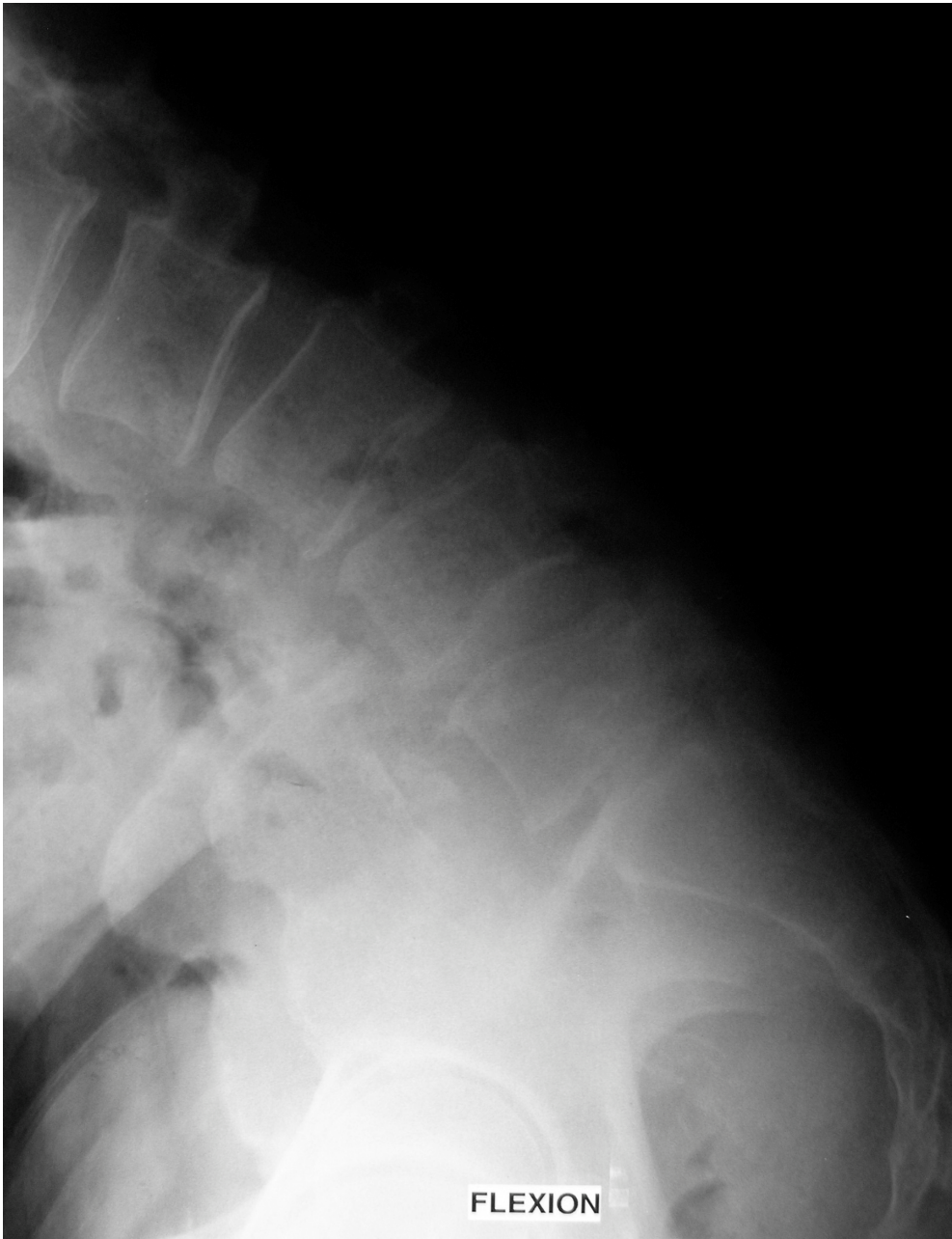
CHAISE SUEDOISE



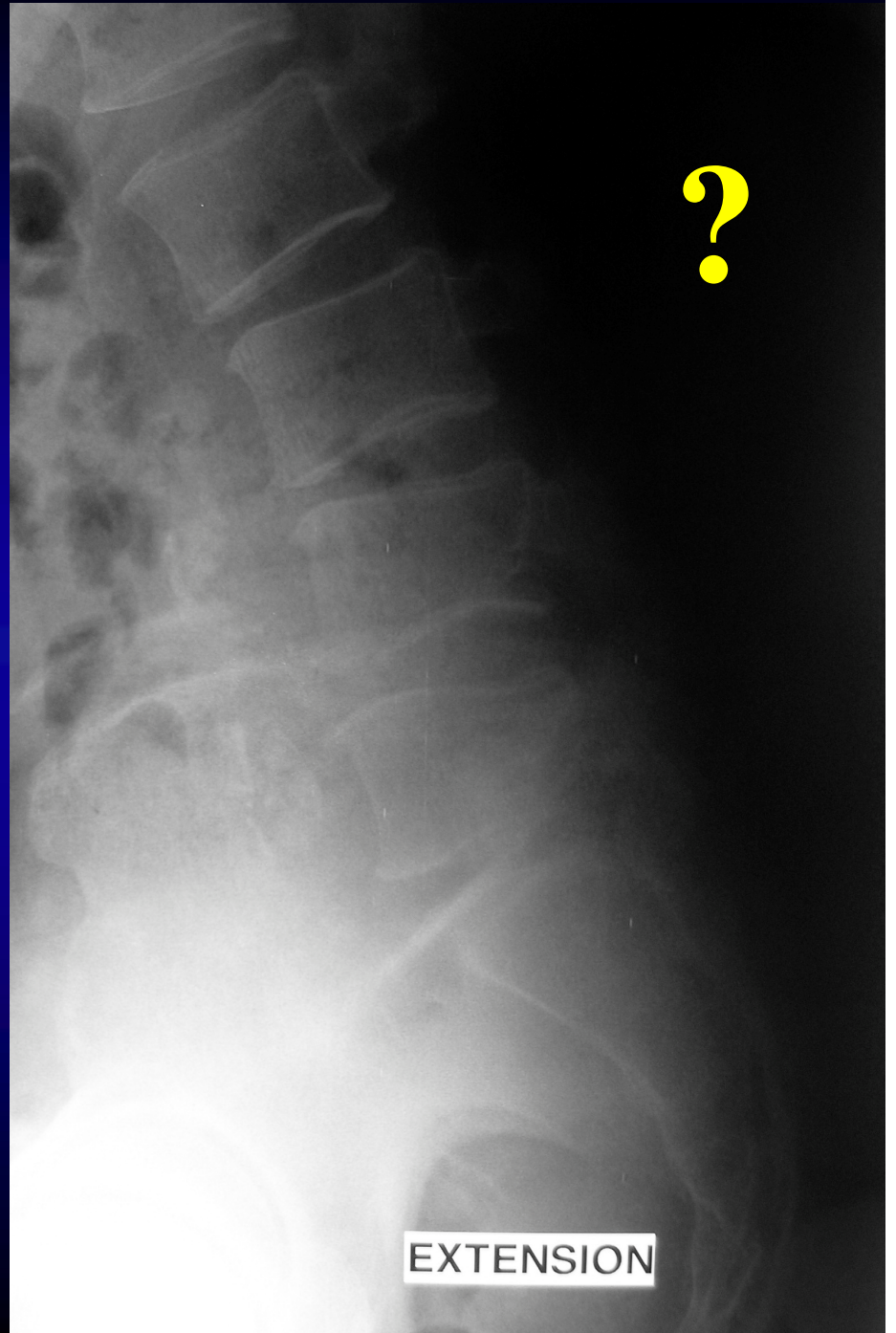
PUTTO , Spine 1990



SPL par LYSE ISTHMIQUE

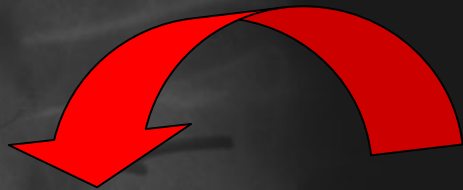


FLEXION



?

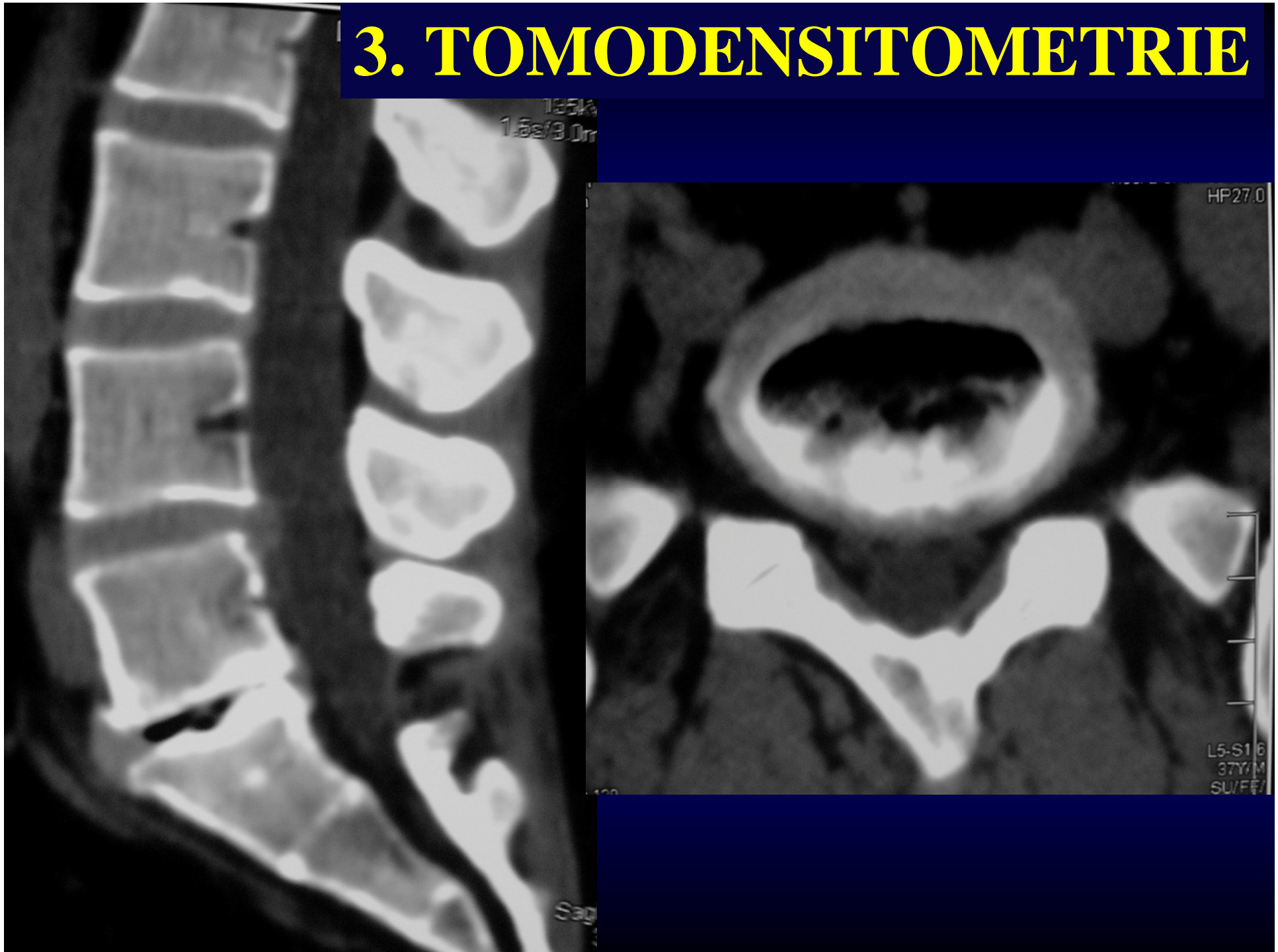
EXTENSION



HYPOMOBILITE

TEMPLIER, ENSAM, (1998)

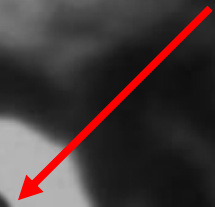
3. TOMODENSITOMETRIE



LINE

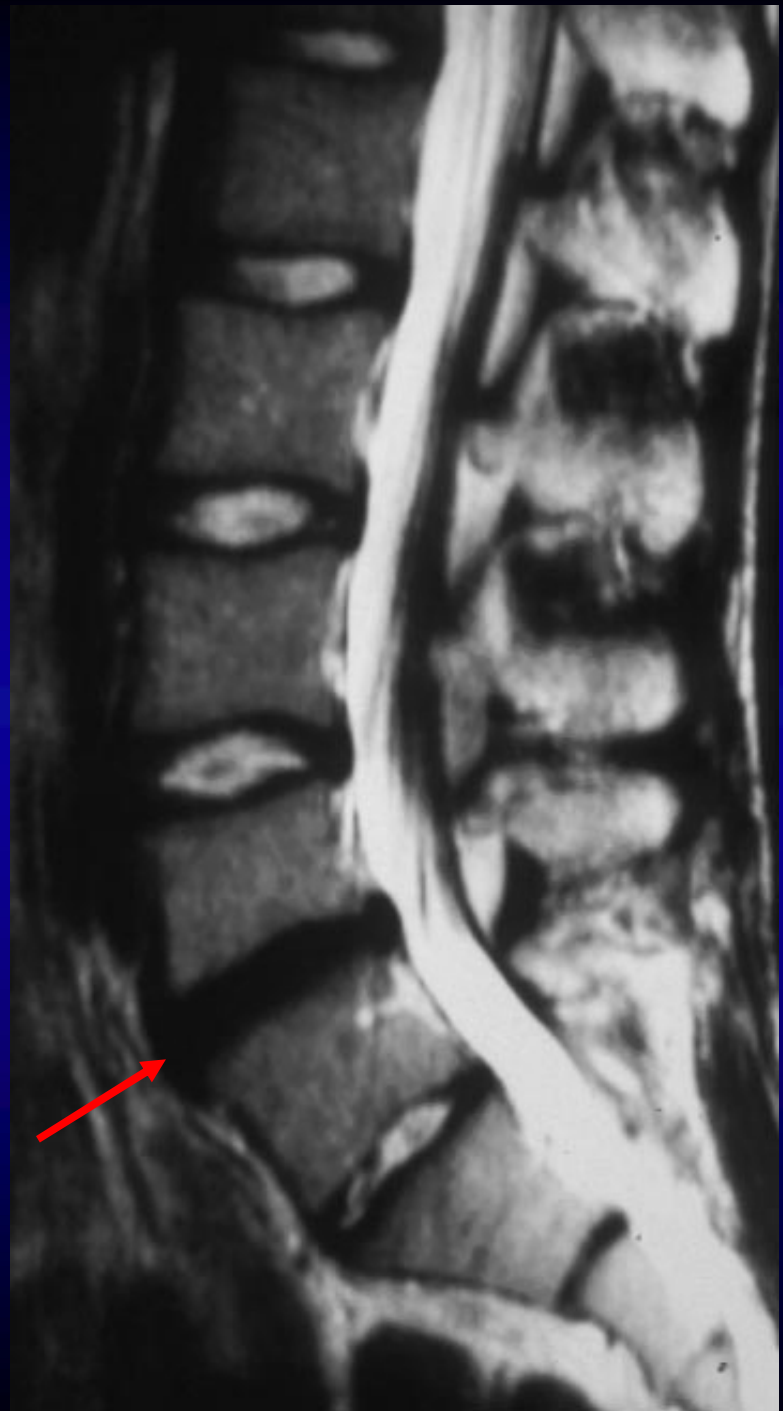
70 A

FRONT

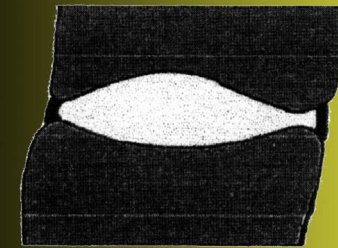


4. I.R.M.

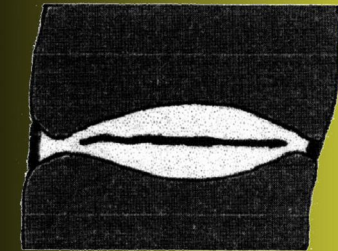
« DISQUE NOIR »



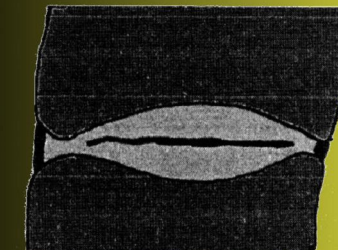
HAUTEUR ET ASPECT DU DISQUE



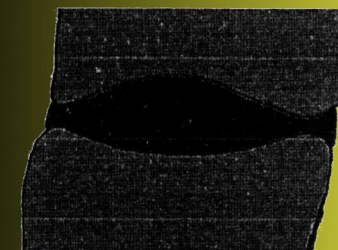
1



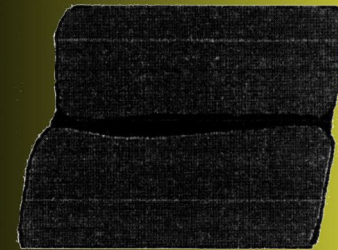
2



3



4



5

PFIRRMANN (Spine 2001)

HYPER INTENSITY ZONE (H.I.Z.)





POCHE DISCALE POSTOP

CLASSIFICATION des DISCOPATHIES (MODIC)

	SEQ. T1	SEQ. T2
STADE 1 (OEDEMATEUX))	NOIR	BLANC
STADE 2 (GRAISSEUX)	BLANC	BLANC
STADE 3 (SCLEREUX)	NOIR	NOIR

MODIC 1



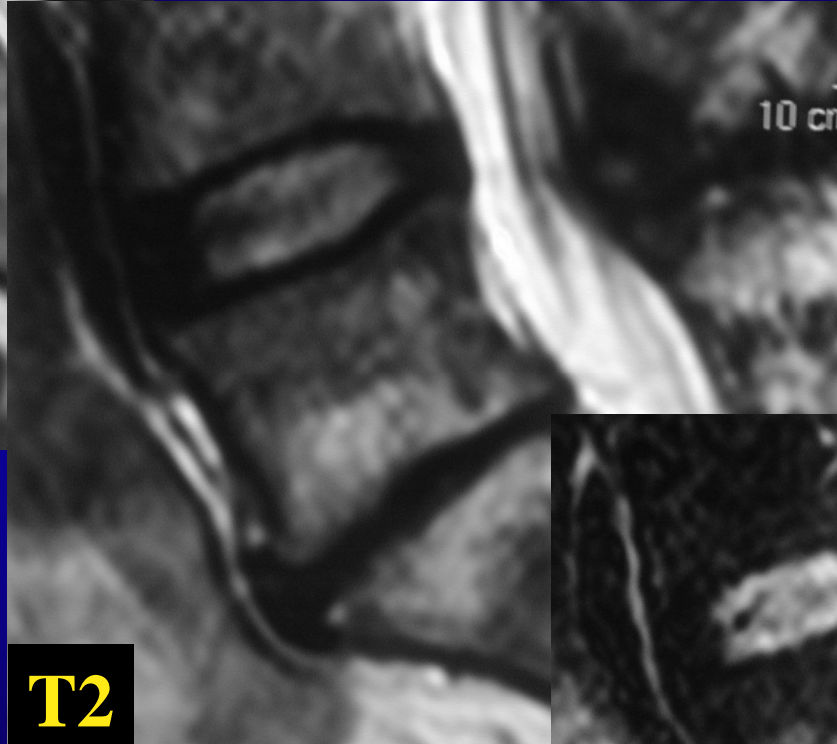
T1



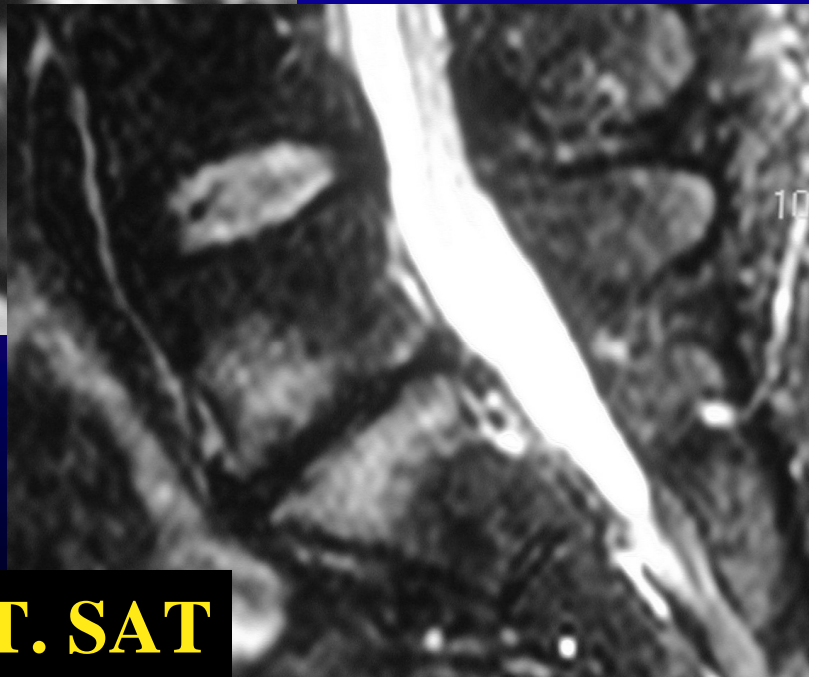
T2



T1

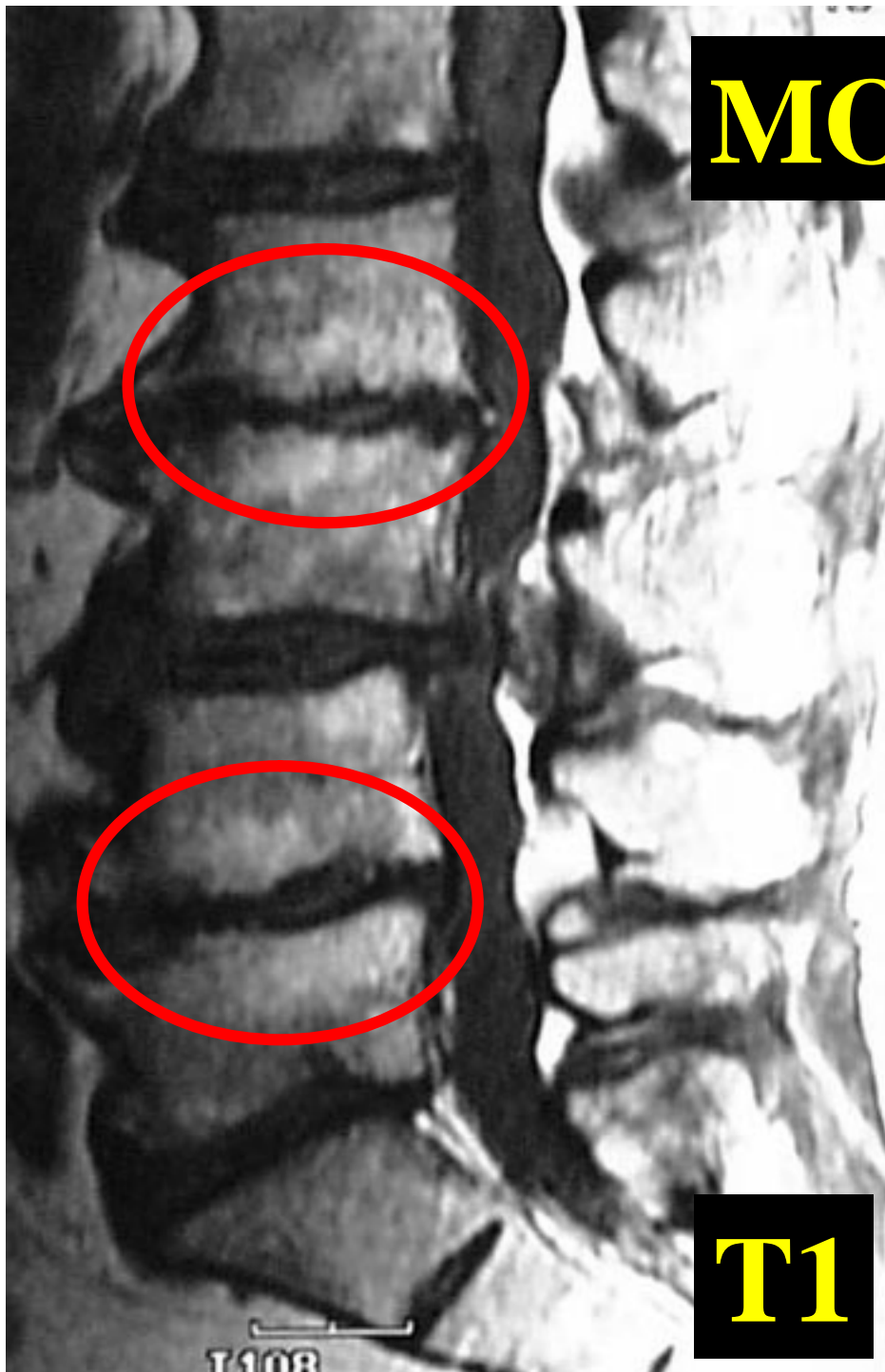


T2



FAT. SAT

MODIC 2



T1



T2

MODIC 3



T1



T2

**Phénomène de piston
du à l'insuffisance discale**



**Fissures des plateaux
Microfractures de l'os souchondral**



Hypervascularisation (MODIC)



Médiateurs proinflammatoires (BURKE)



Signal de MODIC 1

Evaluation clinique dans les Discopathies

MODIC 1 et 2

E.V.A. □

SCORE E.I.F.E.L , de QUEBEC

SCORE D.R.A.D

H. RAKOTOVAO (Thèse 2000)

7/8/2005

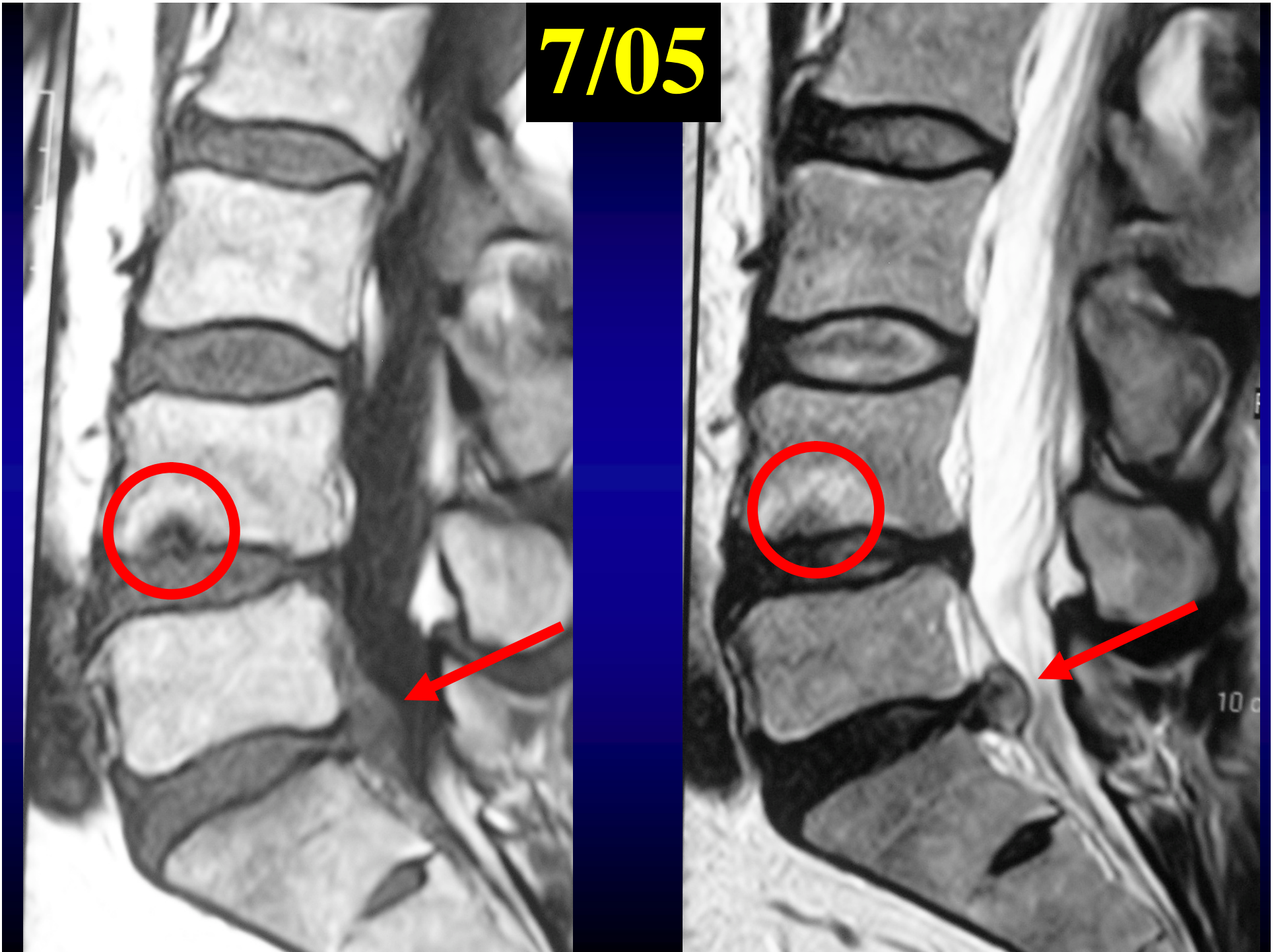




25/6/2006



7/05



6/06



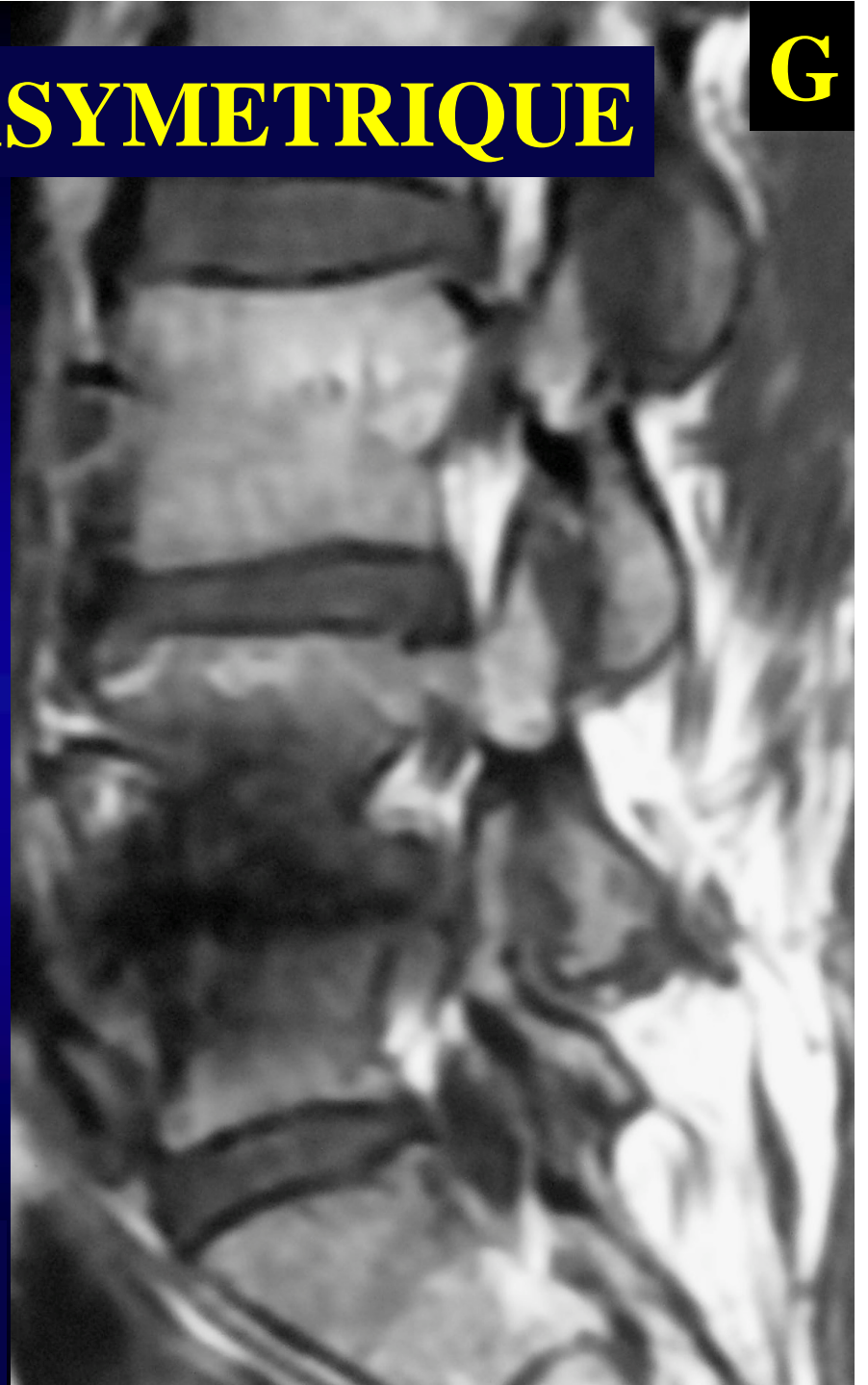
D

DISCOPATHIE ASYMETRIQUE

G



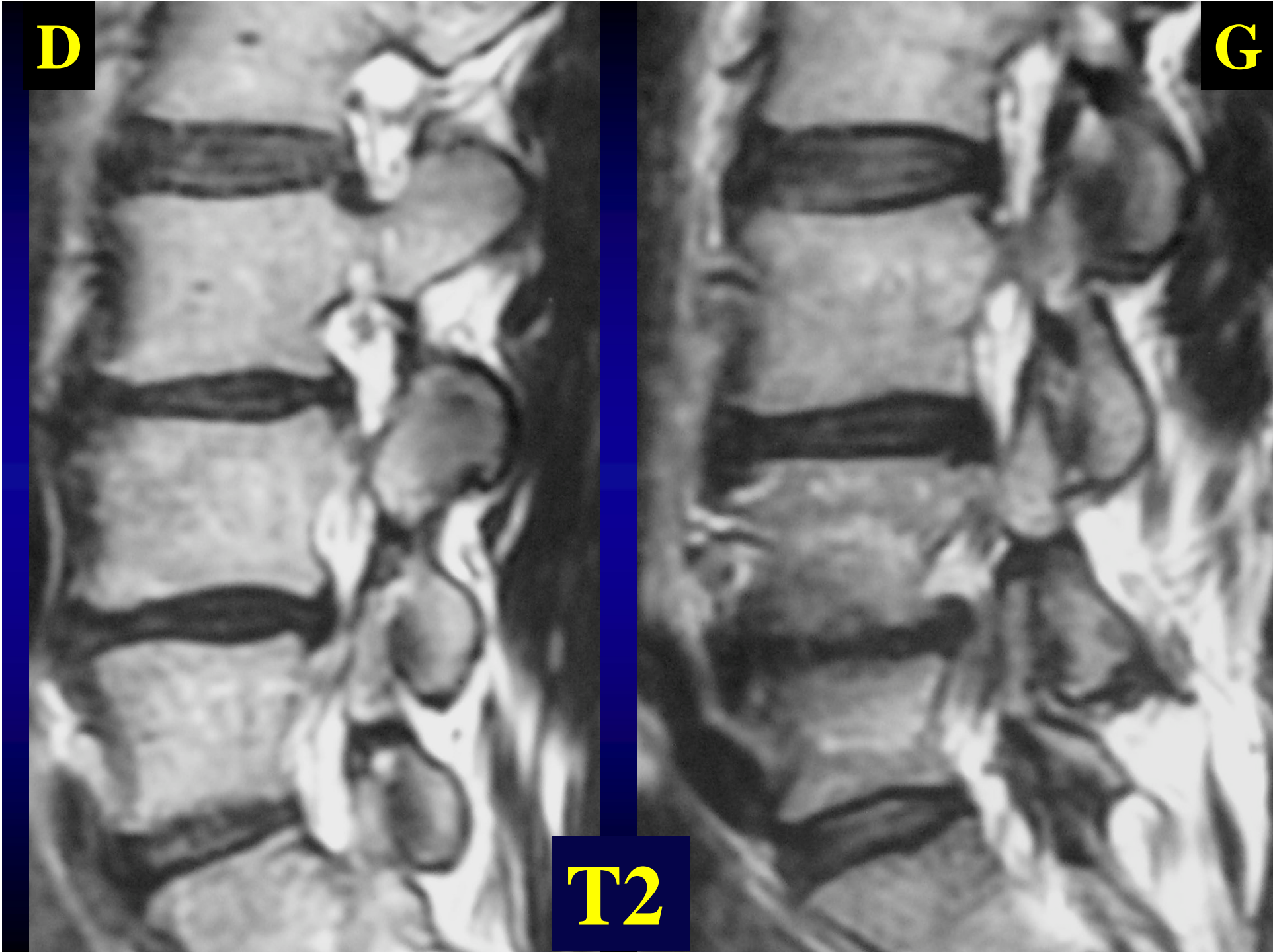
T1

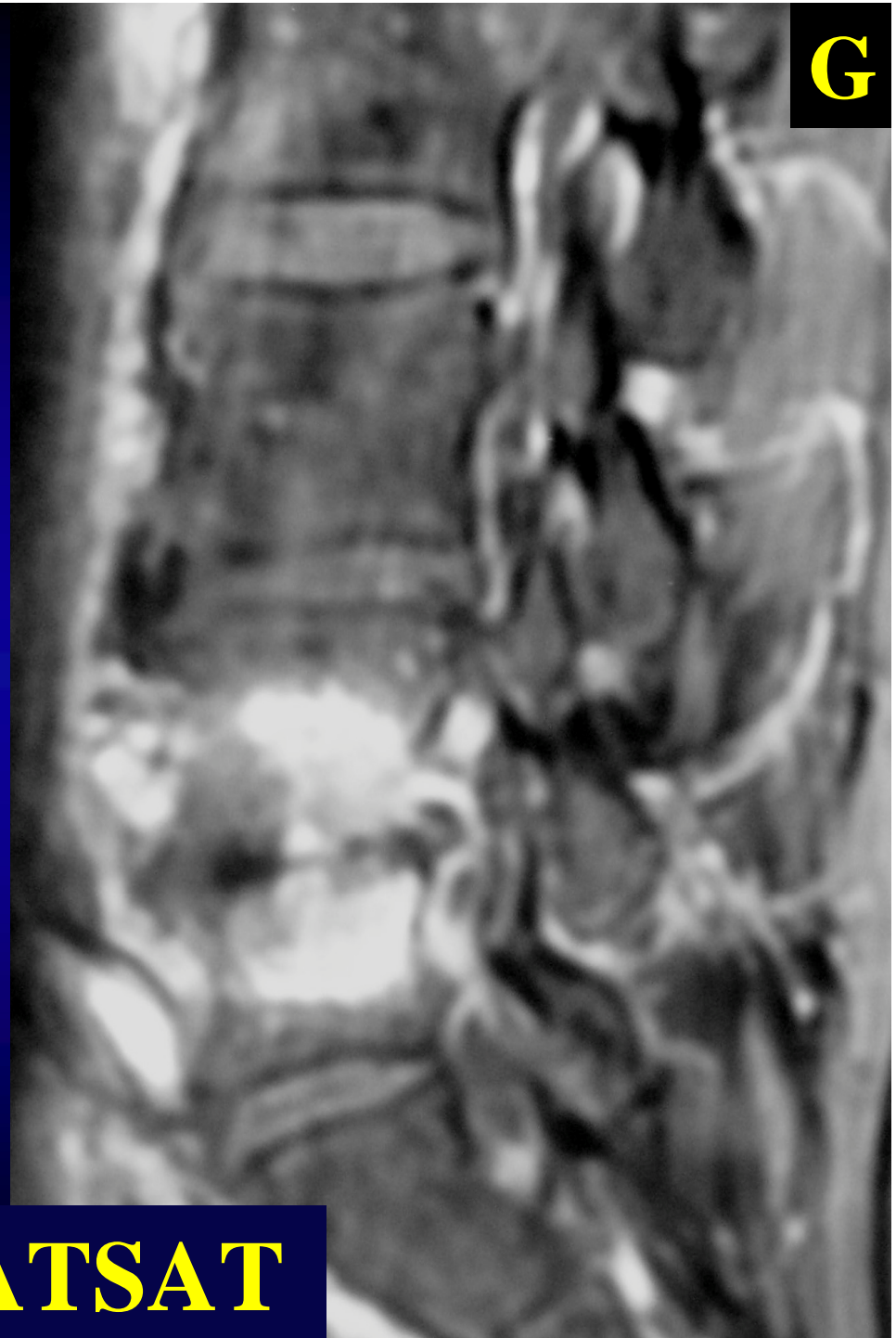


D

G

T2



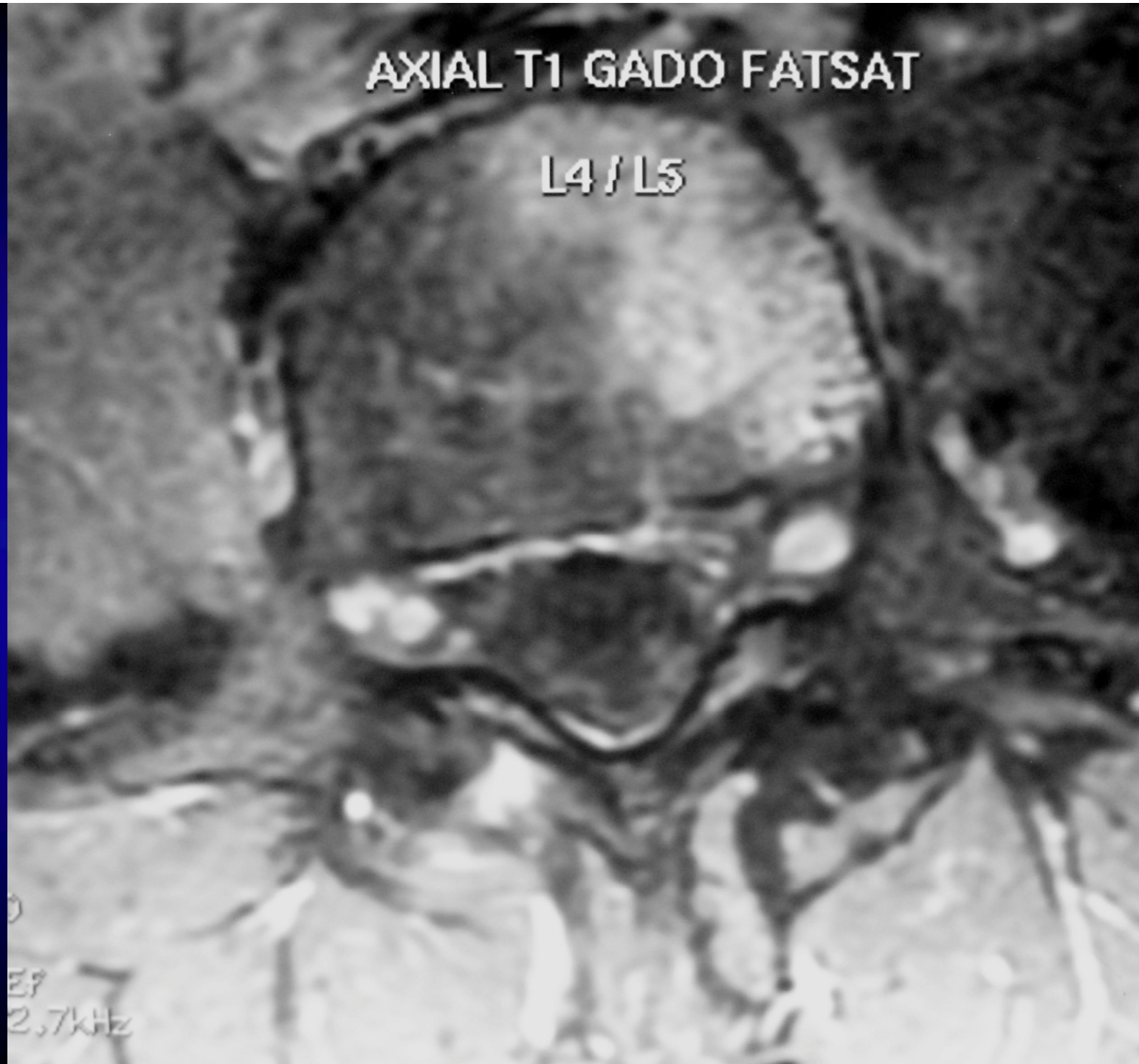


GADO FATSAT

AXIAL T1 GADO FATSAT

L4 / L5

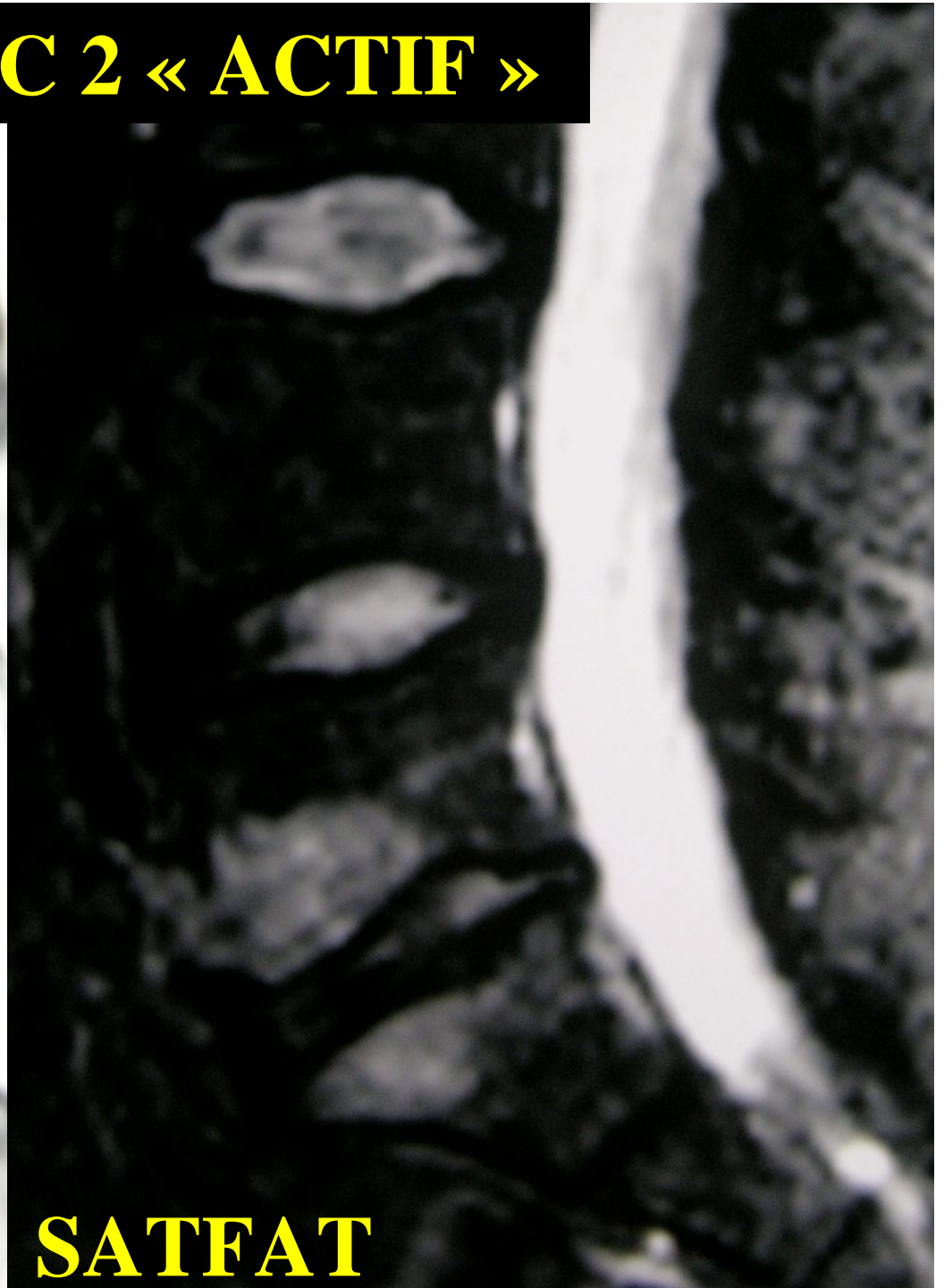
27
2.7kHz



MODIC 2 « ACTIF »



T1



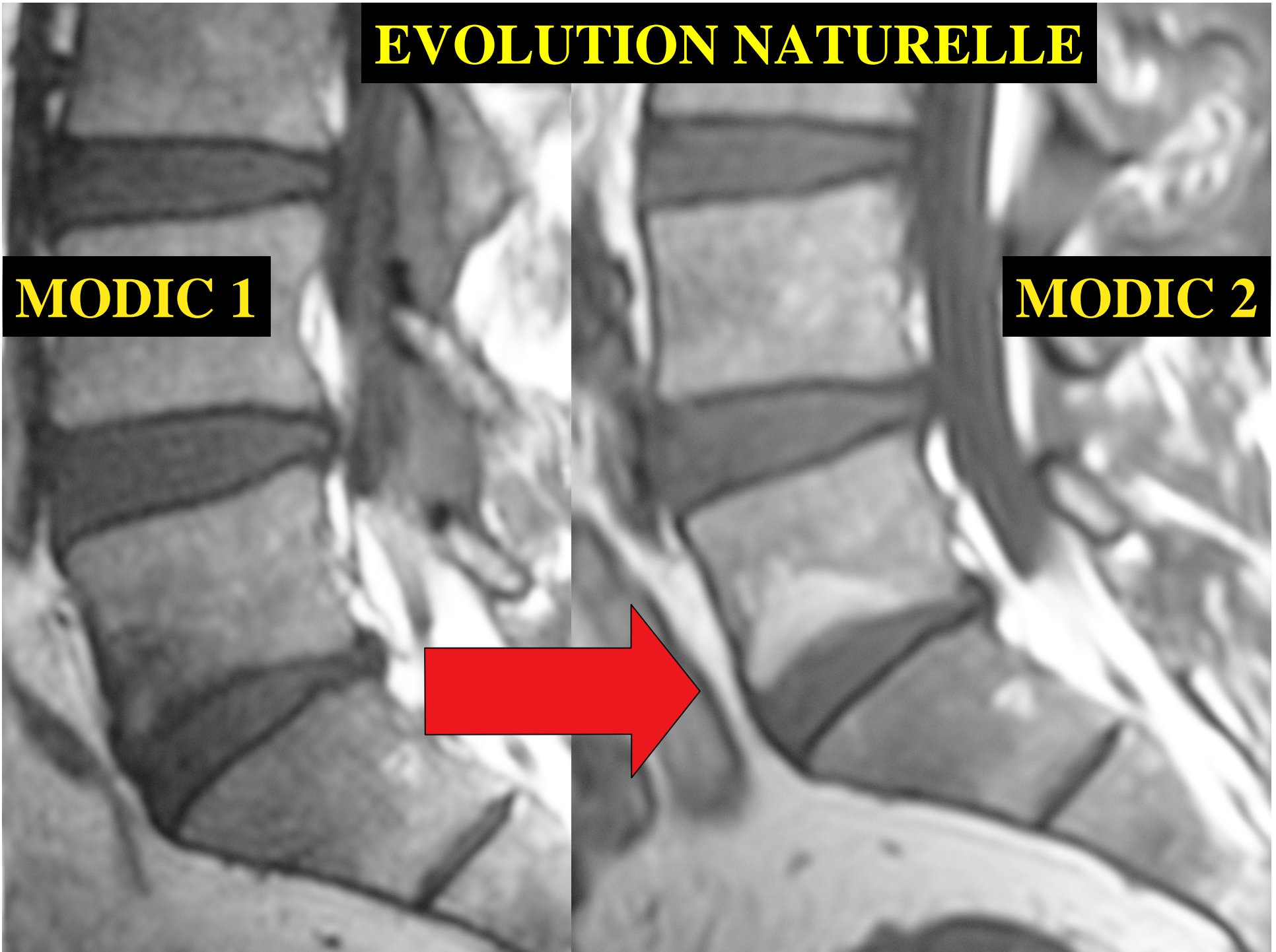
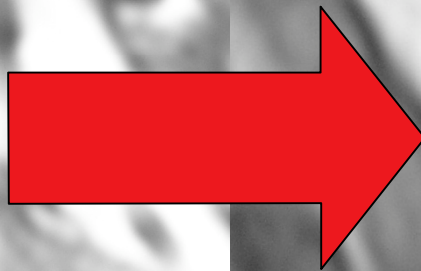
SATFAT



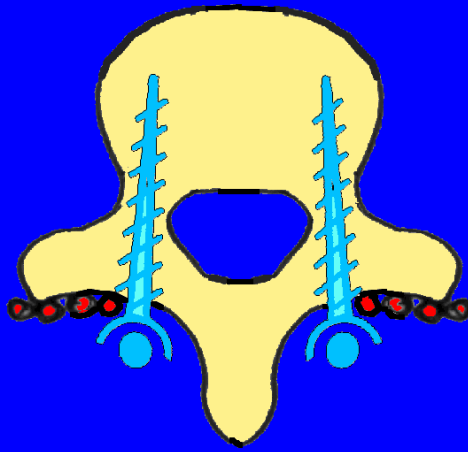
EVOLUTION NATURELLE

MODIC 1

MODIC 2



17 patients



PRE-OP

VITAL (Spine 2003)

6 MOIS POST-OP



17 MODIC 1

4 MODIC 0

13 MODIC 2



T1 POSTOP

MODIC 1

ARTHRODESE

INSTRUMENTEE

POSTERIEURE

HISTOIRE

NATURELLE

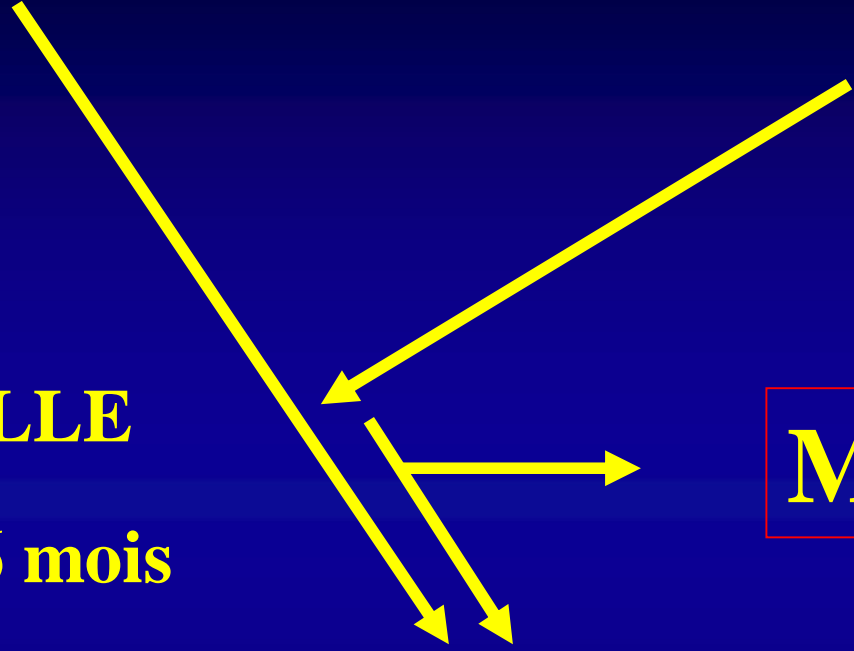
14 à 36 mois

MODIC 0

MODIC 2

HISTOIRE NATURELLE ?

MODIC 3



5. DISCOGRAPHIE



REPRODUCTION de la DOULEUR

1. **Cottonball**



2. **Lobular**



3. **Irregular**



4. **Fissured**



5. **Ruptured**



ETUDE COMPARATIVE IRM DISCOGRAPHIE

M PEDRAM

Réponse à la douleur positive si
douleur typique à l'injection

17 Patients (8H-9F)






Lombalgie chronique

Age 43 ans (29-60)

32 disques

Niveau	n
L3-L4	2
L4-L5	16
L5-S1	14

Modic	nb	Test +
0	19	4
1	8	7
2	5	3
3	-	-

Pfarrmann		nb	Test +
	1	1	0
	2	3	0
	3	3	0
	4	13	4
	5	12	10

INDICATIONS de la DISCOGRAPHIE

- . 1 NIVEAU MODIC 1 ou PFIRRMANN 5
SELECTION PATIENT BONNE **NON**
 - . 1 NIVEAU MODIC 1 ou PFIRRMANN 5
SELECTION PATIENT MOYENNE
 - . PLUSIEURS NIVEAUX
 - . MODIC 2 , PFIRRMANN 4
- OUI**





