

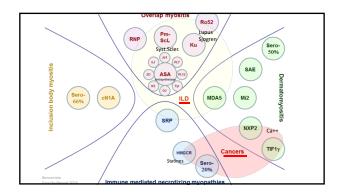
Definition
Diagnosis
Imaging
When?
Why?
How?
Where?
Take home

Definitions
+ Heterogeneous group
+ Rare: 10/100000, but high morbidity, mortality
+ Systemic connective tissue diseases
+ Hallmark: muscle inflammation
+ Extramuscular manifestations
+ Multiparameter based diagnosis



Diagnosis (Bohan & Peter diagnostic criteria, NEJM 1975)

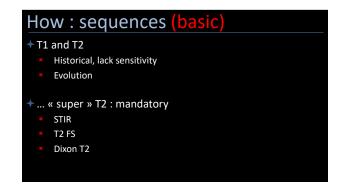
1 Symmetrical proximal muscle weakness
Clinics
2 Increased muscle enzymes
Biology
3 Myogenic Muscle damage
EMG
4 Muscle biopsy
Histology
5 Skin
Dermatology (eyelid rash, Gottron papules, heliotrope rash)
Myositis Specific or Associated Auto-antibodies: DM, IBM, IMNM, OVERLAP M,....

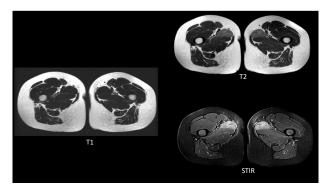


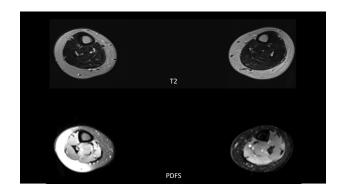


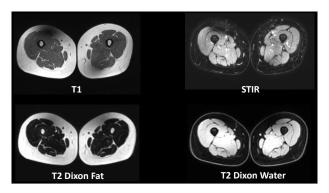


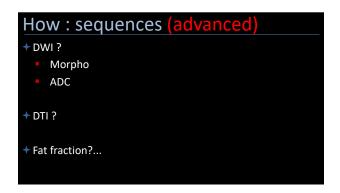


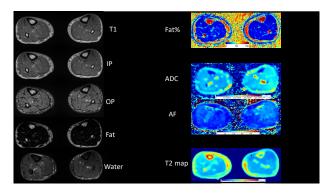




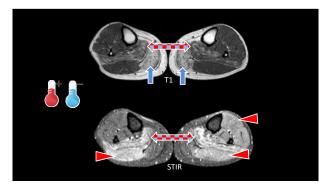


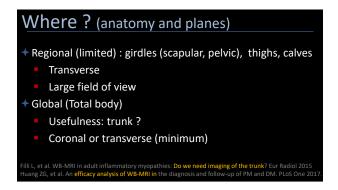


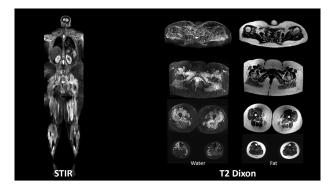


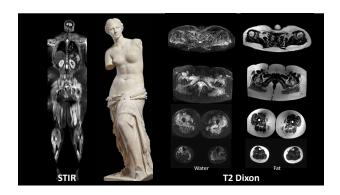


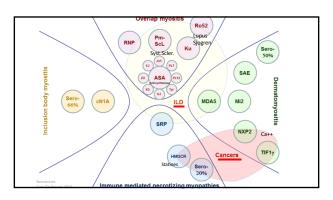












Inclusion Body Myositis (IBM)

+ > 50 y

M > F

15-30 % IIM

Insidious progressive proximal and distal weakness

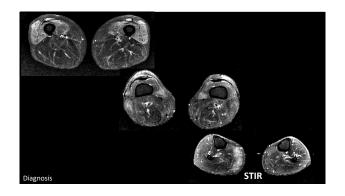
Marked atrophy quadriceps and forearm muscles (wrist & fingers flexors)

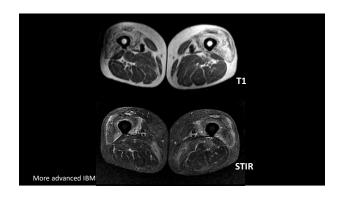
Poor response to therapy and prognosis

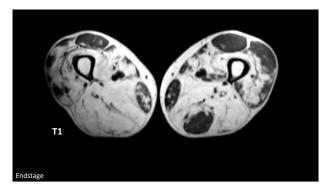
Dysphagia frequent (30-50%)

No sytemic sign of inflammation (CRP)

No association with lung, cardiac disorders or cancer







Immune mediated necrotizing myositis (IMNM)

- **↑** 15 % IIM
- → Profound proximal weakness in weeks or months
- ◆ Very high CK
- → More widespread edema, atrophy, fatty transfo >> PM & DM
- ◆ Statin exposure with Anti-HMGCR
- → Other Anti-SRP (more severe muscle lesions)

