



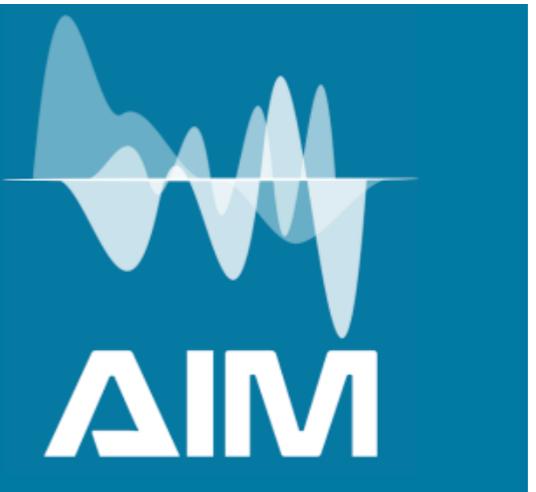
UNIVERSITÀ DI PAVIA
Dipartimento di Fisica



Main activities of AIM - Pavia section

Local Responsible
prof. Alessandro Lascialfari

Artificial
Intelligence in
Medicine



AIM2.T4 - Quantification of muscle deterioration in MR

Facio-Scapulo-Humeral
Distrophy (FSHD)
data

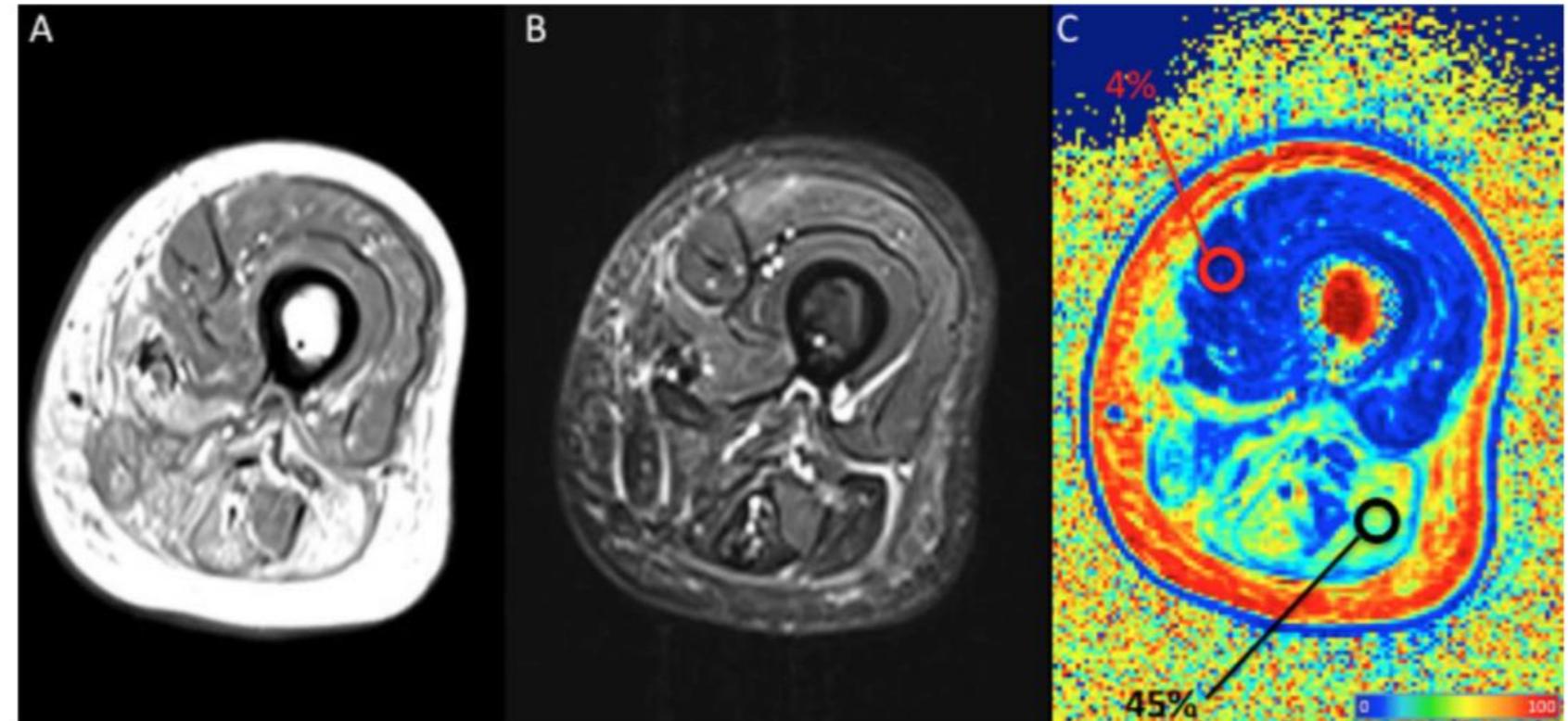
muscular deterioration

quantification
(Fat Fraction -FF-,
water T₂ - wT2-)
from MRI

biomarkers of disease activity

in collaboration with Istituto Neurologico Mondino IRCCS

RATIONALE

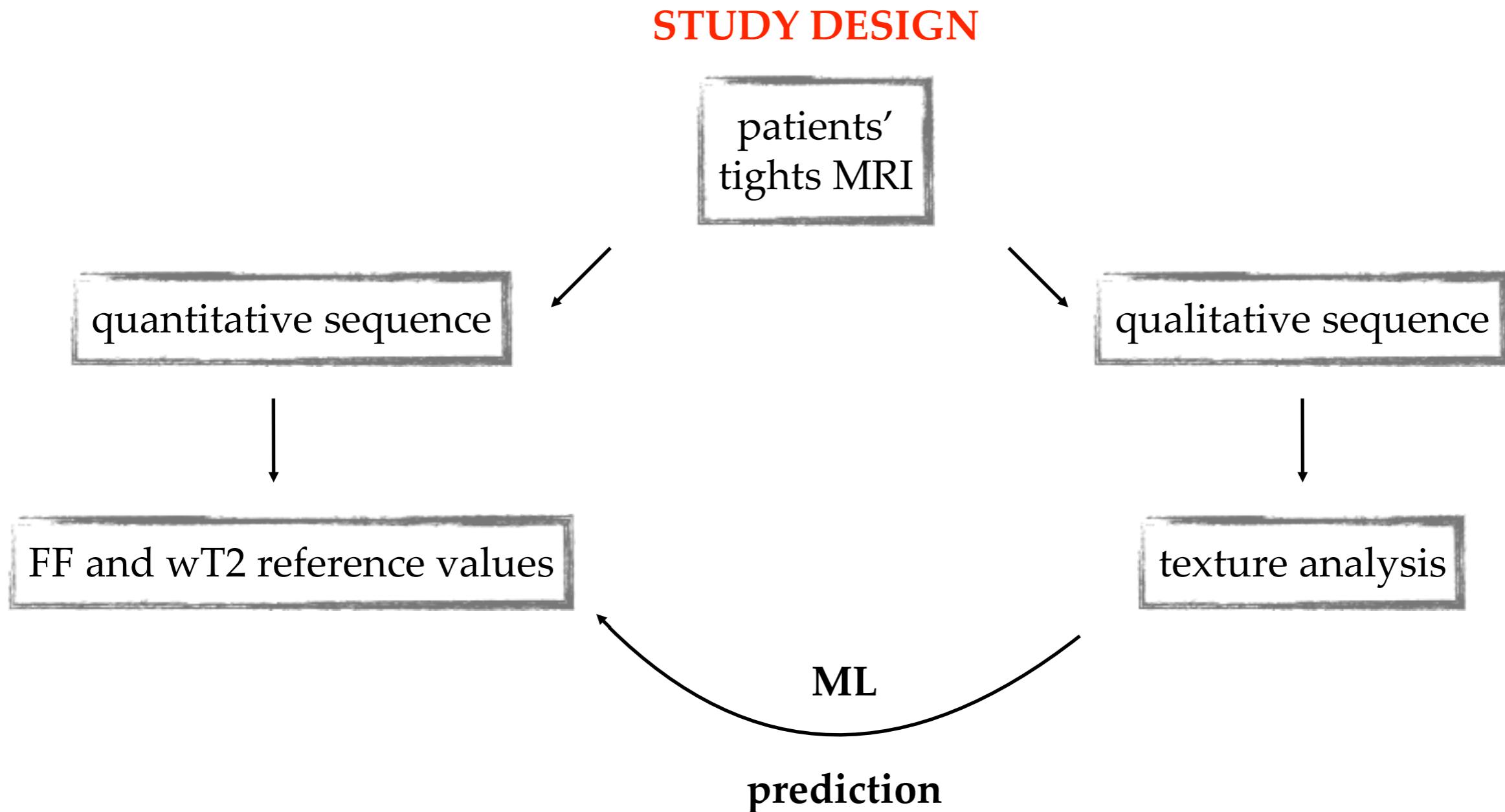


Paoletti, M., Pichieccio, A., Cotti Piccinelli, S., Tasca, G., Berardinelli, A. L., Padovani, A., & Filosto, M. (2019). Advances in quantitative imaging of genetic and acquired myopathies: clinical applications and perspectives. *Frontiers in neurology*, 10, 78.

Francesca Brero & Linda Bianchini
francesca.brero01@universitadipavia.it
linda.bianchini@unimi.it

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