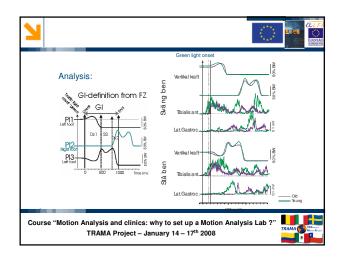
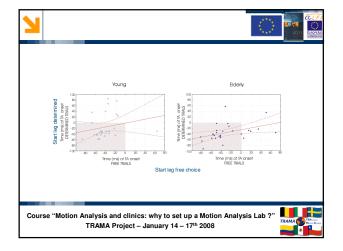


	Examples of experimental research studies
	Elderly
	Background: Gait initiation (GI) is a phase of walking during which falls are often provoked. Question :
	Do physically active elderly display alterations in gait initiation?
	Exp. setup 2 CCD cameras (18 markers), 4 EMG ankle muscles,4 AMTI force plates lowered in 8 m walk way, Traffic light
ourse	"Motion Analysis and clinics: why to set up a Motion Analysis Lab ?" TRAMA Project – January 14 – 17 th 2008

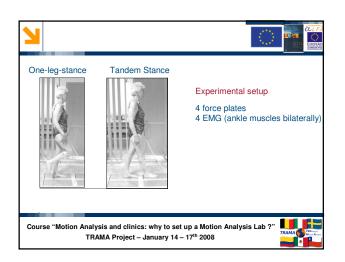


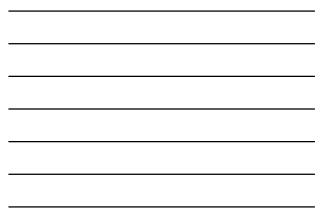


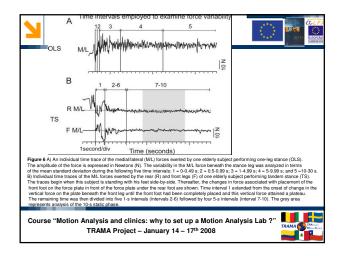




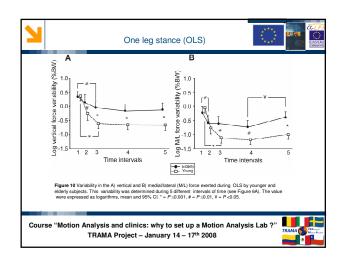
Y	\odot	1	
Background : The clinical One-leg stance test is a measure consid to assess postural steadiness in a static position with common unde notion that a better postural steadiness, i.e. less force variability, giv time spending in OLS, i.e. better balance!	rlying	ər	
Question : How does postural steadiness during one-leg stance change over	time		
Course "Motion Analysis and clinics: why to set up a Motion Analysis TRAMA Project – January 14 – 17 th 2008	s Lab ?"	TRAMA	TRA-



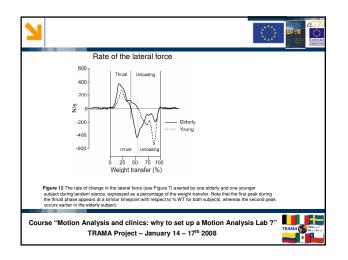




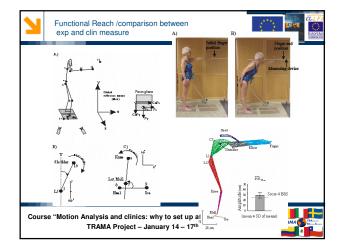




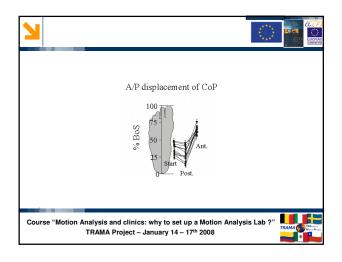




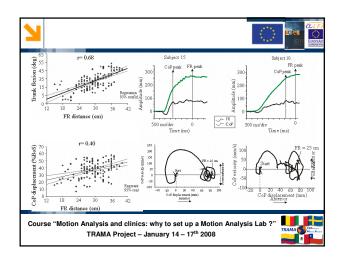






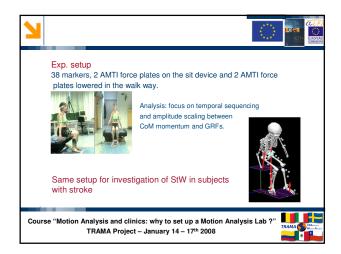


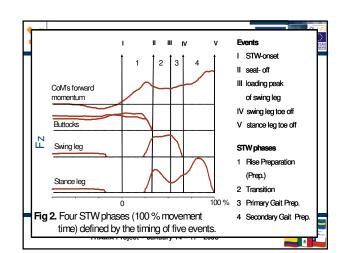




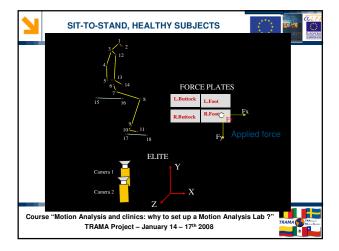




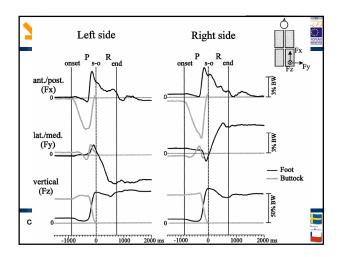




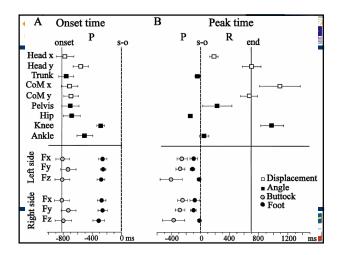




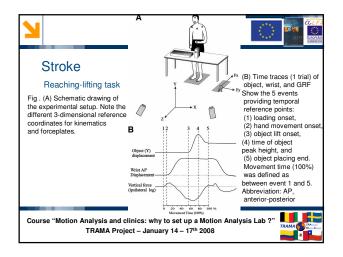




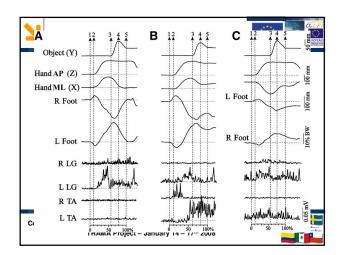




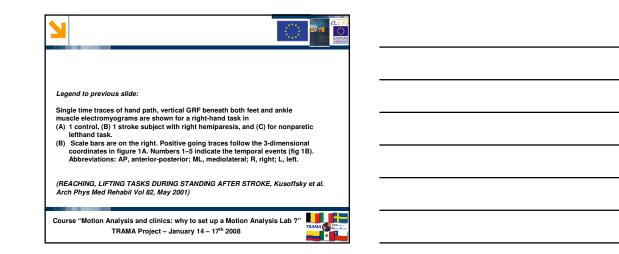


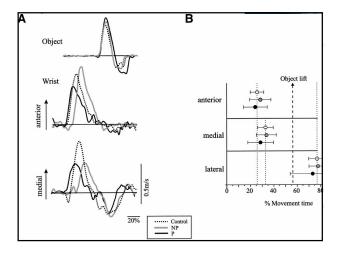




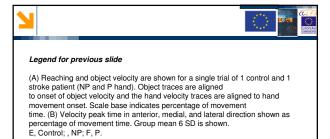












(Kusoffsky et al. Arch Phys Med Rehabil Vol 82, May 2001)

Course "Motion Analysis and clinics: why to set up a Motion Analysis Lab ?" TRAMA Project – January 14 – 17th 2008





