







2nd SOSORT Instructional Research Course **reha**sport Spine Disorders Unit POTSI = (FAI-C7 + FAI-A + FAI-T) + (HDI-S + HDI-A + HDI-T) Suzuki N., Inami K., Ono T., Kohno K., Asher MA::Analysys of posterior trunk symmetry index (POTSI) in scoliosis, part I. Stud Health Technol Inform 1999; 59: 81-84 Inami K., Suzuki N., Ono T., Yamashita Y., Kohno K., Mor ue H.: Analysys of posterior trunk symmetry index (POTSI) in scoliosis, part 2. Stud He ealth Technol Inform 1999; 59: 85-88 Kotwicki T, Kinel E, Chowańska J, Bodr evaluation of scoliotic deformity of the trunk. Polish Journal of Physiotherapy, 2008;8: 231-240 A: Potsi hump sum and sum of r

















2 nd SOSORT Instructional Research Course	reha sport	Spine Disorders Unit name intervity of Method' Science
The height diffe	rence at the:	
√shoulder lev	rel (HDI-S)	
✓axilla level	(HDI-A)	
√waist level	(HDI–T)	
are defined as Height	Asymmetry Index	















2 nd SOSORT Instructional Research Course	reha sport [®]	Spine Disorders Unit Pure bisersty of Matual Sciences
ATSI Index		
Anterior Trunk Symmetry Index		
ATSI and POTSI as objective photographic assessment of posture		



SOSORT Instructional Research Course	reha sport [®]	Spine Disorders U Parent Disorders U
ATS	51	_
=		
(FAI-SN + FAI	-A + FAI-T)	
+		
(HDI-S + HDI-	A + HDI-T)	
Stolinski L, Kotwicki T, Czaprowski D, Chowanska J, Suz Preliminary report. Stud Health Technol Inform 2012; 176: 242-246.	uki N: Analysis of the Anterior Trunk Symme	ry Index (ATSI).
L Stolinski, T Kotwicki, D Czaprowski, J Chowanska: Analysis Scoliosis 2013, 8 (Suppl 1):025;	s of anterior trunk symmetry index (ATSI). Prelin	ninary report.
Stoliński L, Czaprowski D, Kozinoga M, Korbel K, Janusz P, of Anterior Trunk Symmetry Index (ATSI) in healthy school children ba Scoliosis 2013, 8(Suppl 2):P10.	, Tyrakowski M, Kono K, Suzuki N, Ko ased on 2D digital photography: normal limits f	twicki T:Analysis or age 7-10 years.





12.05.15



































2 nd SOSORT Instructional Research Course	2 nd SOSORT Instructional Research Course	
Advantages of the use of ATSI and POTSI Indexes	Advantages of the use of ATSI and POTSI Indexes	
 ✓ The mean ATSI value 24.3,±12.7 (n=421, aged 7-10 y) ✓ The intra-observer error 1.07 	 ✓ The mean ATSI value 24.3. ±12.7 (n=421, aged 7-10 y) ✓ The intra-observer error(1.07) 	
\checkmark The inter-observer error for the three observers 4.06	\checkmark The inter-observer error for the three observers 4.06	
Stoliński L, Czaprowski D, Kozinoga M, Korbel K, Janusz P, Tyrakowski M, Kono K, Suzuki N, Kotwicki T:Analysis of Anterior Trunk Symmetry Index (ATSI) in healthy school children based on 2D digital photography: normal limits for age 7-10 years. Scoliosis 2013,8(Suppl 2):P10	Stoliński L, Czaprowski D, Kozinoga M, Korbel K, Janusz P, Tyrakowski M, Kono K, Suzuki N, Kotwicki T:Analysis of Anterior Trunk Symmetry Index (ATSI) in healthy school children based on 2D digital photography:normal limits for age 7-10 years. Scoliosis 2013,8(Suppl 2):P10	
ATSI and POTSI as objective photographic assessment of posture	ATSI and POTSI as objective photographic assessment of posture	













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Advantages of ATSI and POTSI Indexes			
✓ Objectivization			
✓ Non-invasive			
✓ Low cost			
✓ Reliability			
✓ Simplicity			
ATSI and POTSI as objective photographic assessment of posture			





