

NEUROVASCULARIZATION AND TRACTOGRAPHY IN OBESE CHILDREN

Samoilova Y.G., Matveeva M.V., Oleinik O.A., Tonkikh O.S., Shuliko L.M.



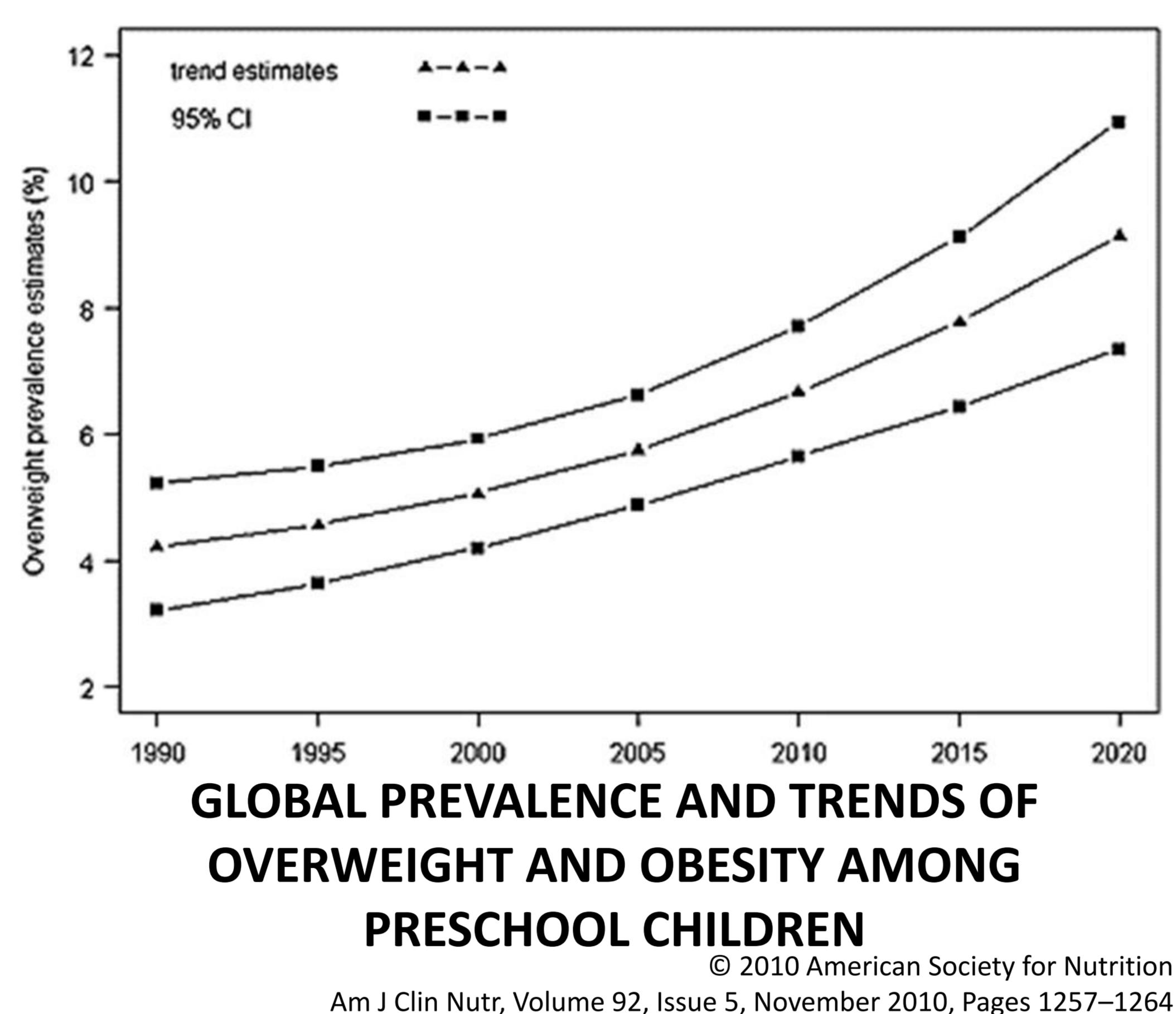
Siberian State Medical University
Tomsk, Russia

Background:

In the WHO European Region

1 in 3
11-year-olds is
overweight or obese

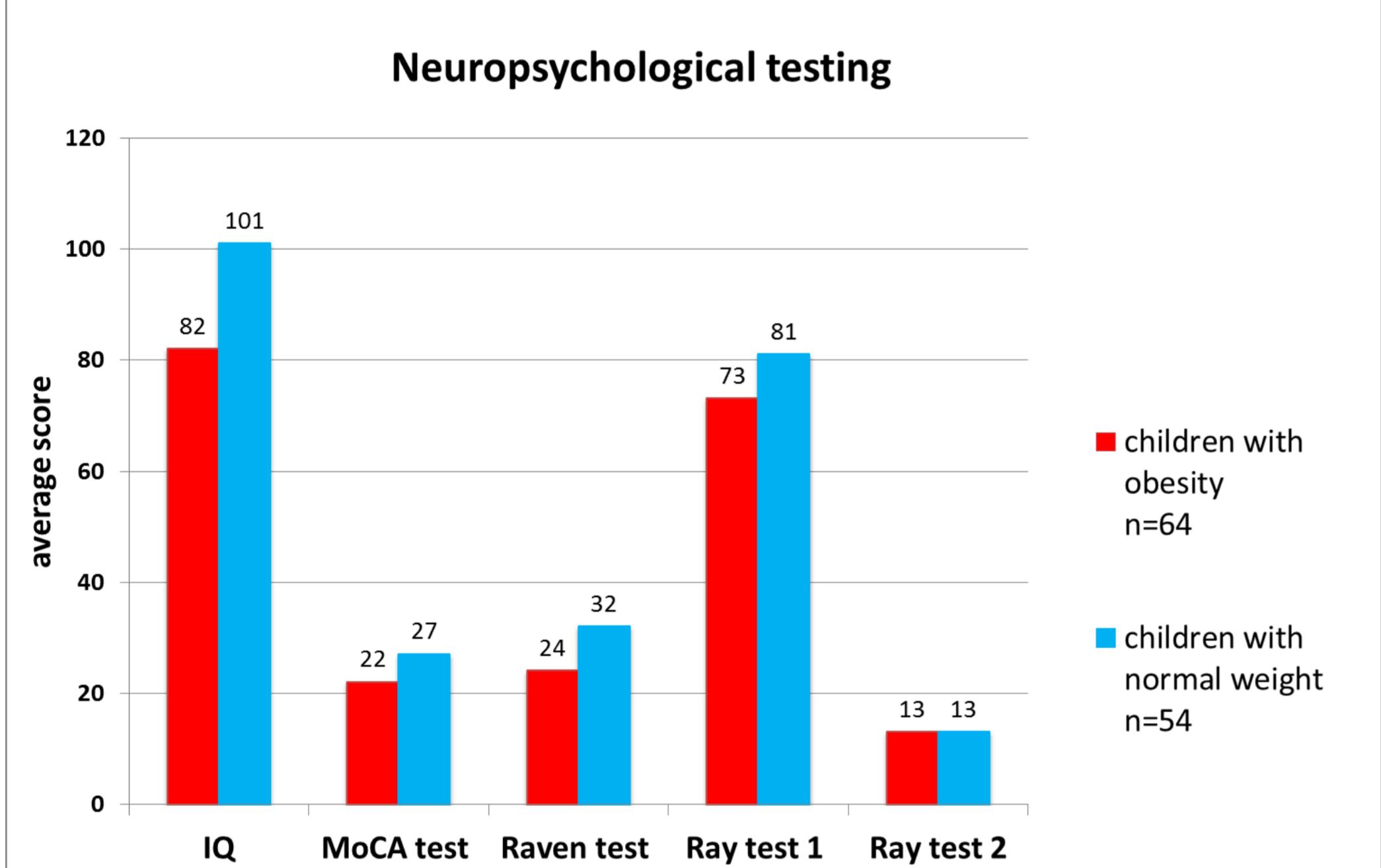
WHO European Region
www.euro.who.int/obesity



Materials and methods:

	AVERAGE AGE	♀:♂	AVERAGE WEIGHT (KG)	AVERAGE HEIGHT (M)	AVERAGE SDS	AVERAGE BMI (KG/M ²)
	Group 1 children with obesity (n=64)		32:32	63.75	1.705	2.8
Group 2 normal weight (n=54)	27:27		41.1	1.49	0.4	18.4

Results:



- Decrease in scores on the MoCA and Raven's tests, as well as IQ in obese adolescents ($p \leq 0,05$).
- In the two groups according to version 1 of the Ray test ($p \leq 0,05$).
- In the version 2 of the Ray test, the variants of the groups were comparable.

