



XIII congresso nazionale

simeu

GENOVA 30 MAG - 1 GIU 2024

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**Reliability Evaluation of Thermography for
Early Detection of Intracranial Lesions in
Mild Traumatic Brain Injury Patient**

1895 RX



1967 CT scan



2016 Temnography™



1950 ECHO

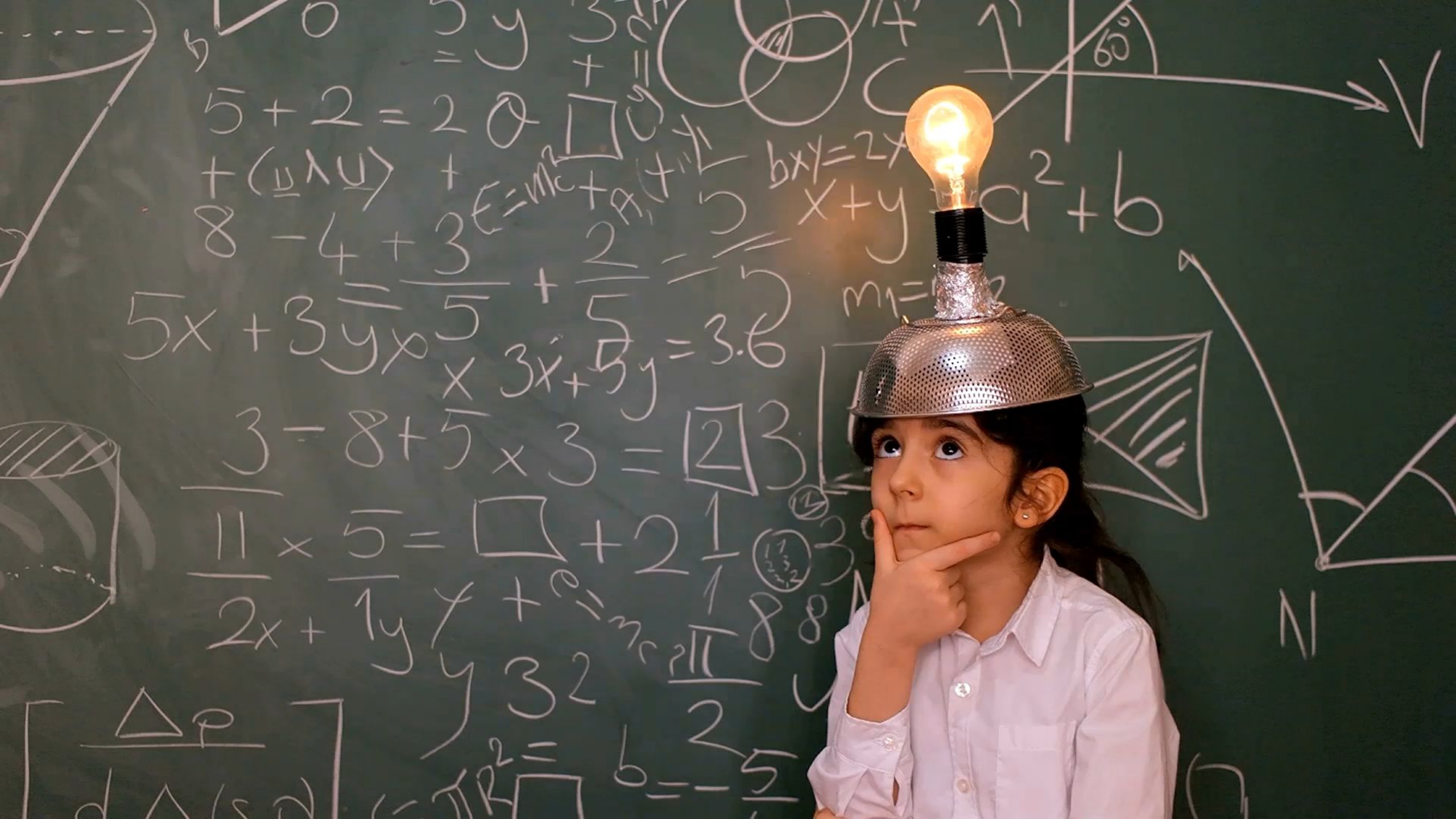


1978 MRI

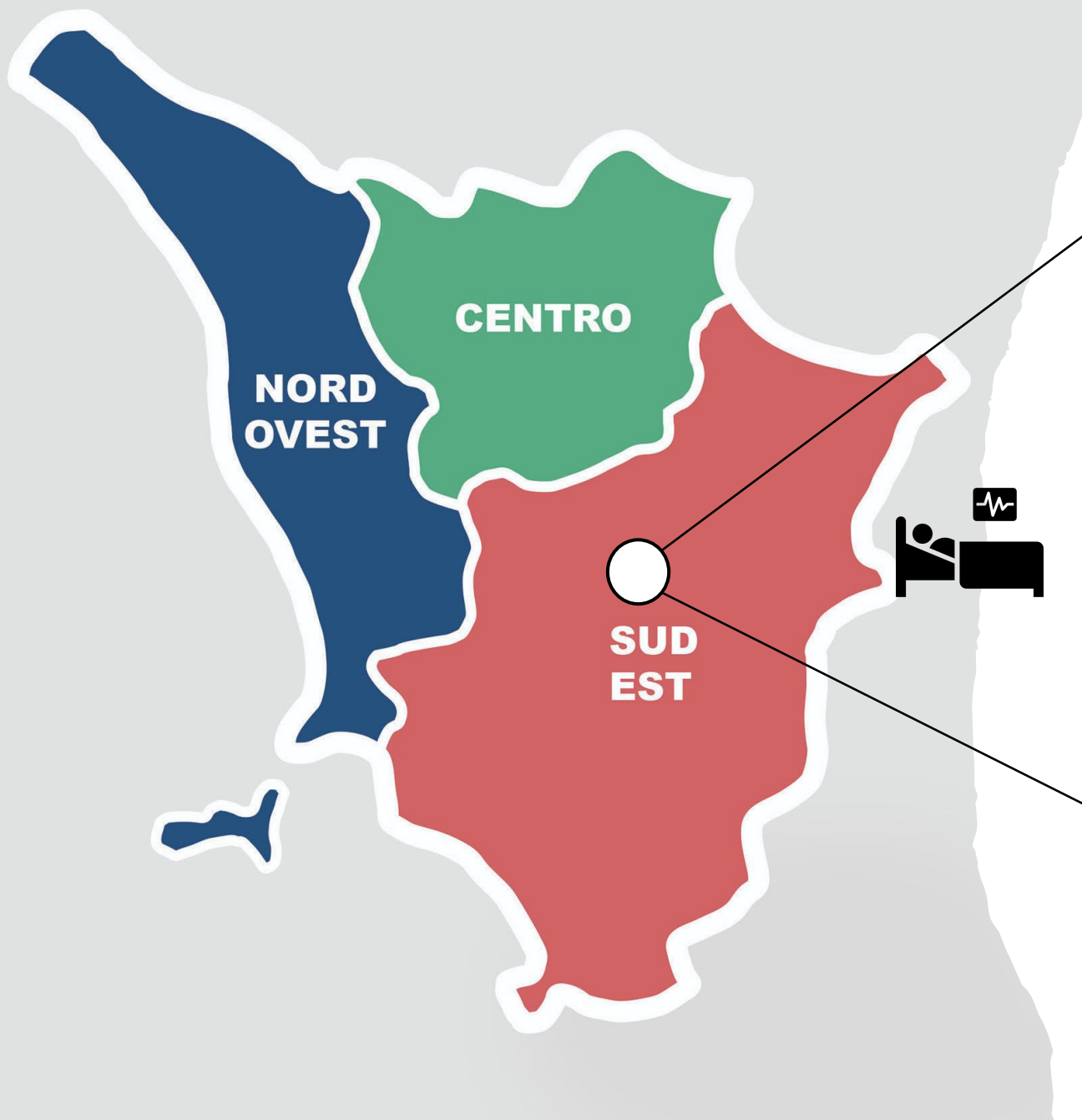


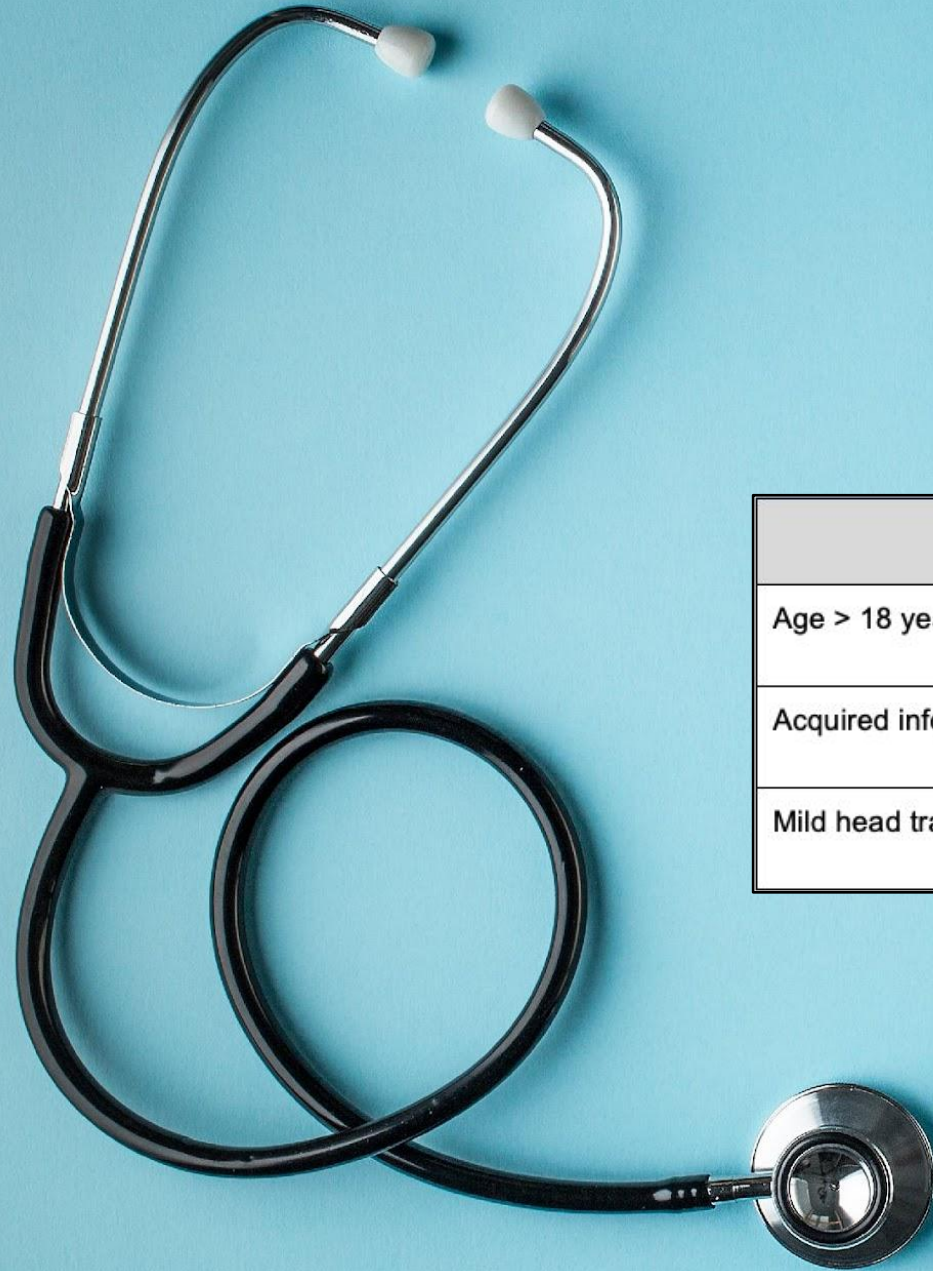
2018 First Temnograph
Encephalic Subcranic
TES®











INCLUSION criteria	EXCLUSION criteria
Age > 18 years	Age <18 years
Acquired informed consent	Pregnant women
Mild head trauma	Metallic prostheses in the skull

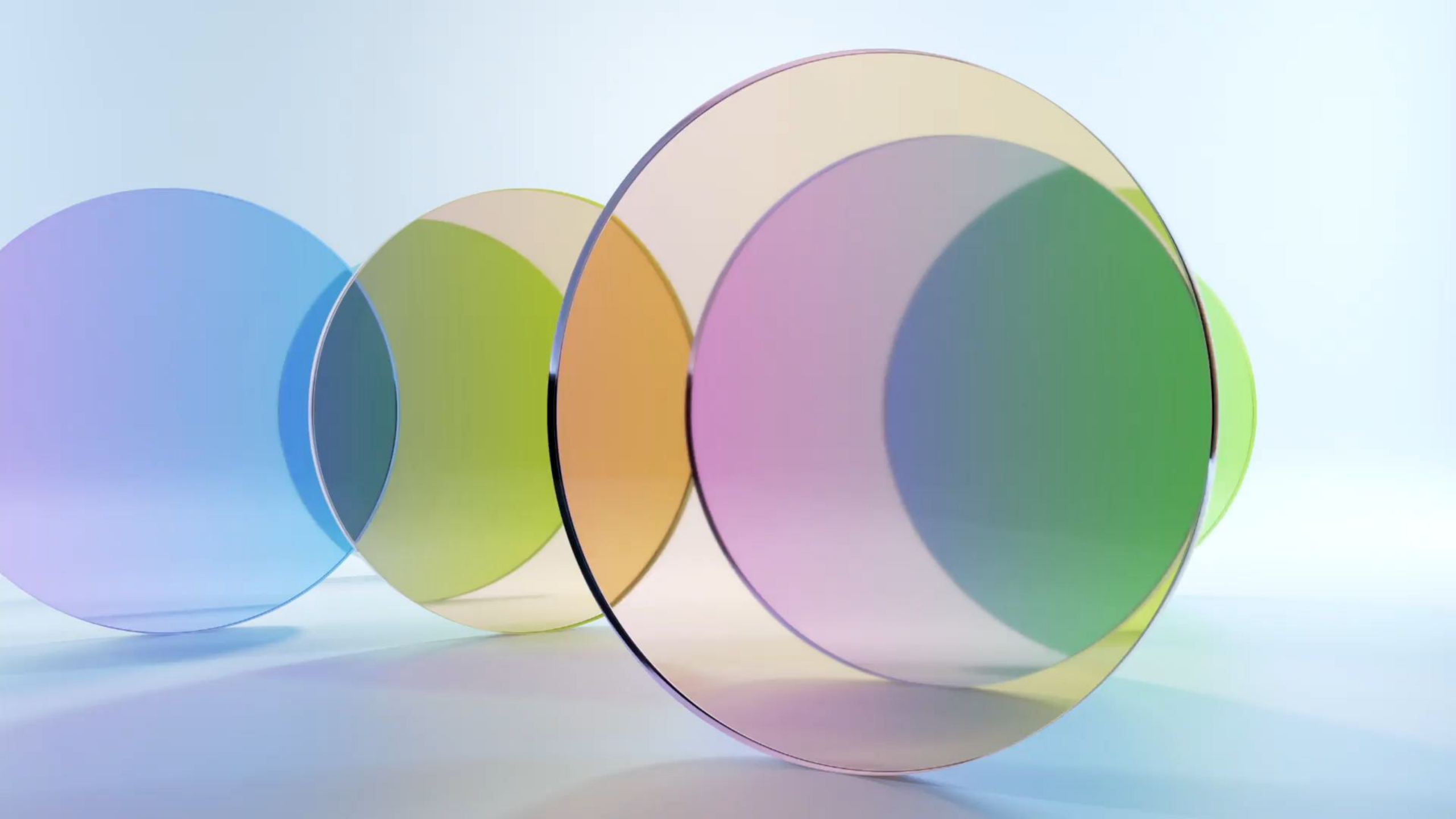


Primary

Endpoints

- 💡 **Concordance** of diagnostic performance of TES HT versus cranial CT. Identification of sensitivity and specificity values of the instrument compared to cranial CT.
- 💡 Establishing the **safety** of the instrument by collecting data on hypothetical adverse events during its use in the study.

# Patient	Gender	Age	TES HT result	TC scan result	Comparison	Note
1	F	92	P	P	TP	Chronic vascular encephalopathy
2	M	89	P	P	TP	Chronic ischemic microvascular leuko-encephalopathy
3	F	91	P	P	TP	
4	M	67	P	P	TP	
5	F	98	N	N	TN	
6	F	77		P	OUT	TES HT test not saved
7	F	90	N	N	TN	
8	M	83	P	P	TP	
9	M	89	N	N	TN	
10	F	93	N	N	TN	
11	F	95	P	P	TP	
12	M	73	P	P	TP	
13	F	73	N	N	TN	
14	F	88	N	N	TN	
15	M	83		P	OUT	TES HT test not saved
16	F	80	P	P	TP	
17	M	76	P	P	TP	Chronic vascular leukoencephalopathy with micro- and macroangiopathic characteristics
18	F	85	P	P	TP	Diffuse hypodensity chronic vascular encephalopathy
19	F	79	P	P	TP	
20	M	86	P	P	TP	Diffuse hypodensity chronic vascular encephalopathy
21	F	83	P	P	TP	
22	M	75		P	OUT	TES HT test not saved
23	F	76	P	P	TP	





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#FIERIDIVOI

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