# Oral Motor Therapy with *Measurable Results*

THE IOPI® SYSTEM
IOWA ORAL PERFORMANCE INSTRUMENT (IOPI)
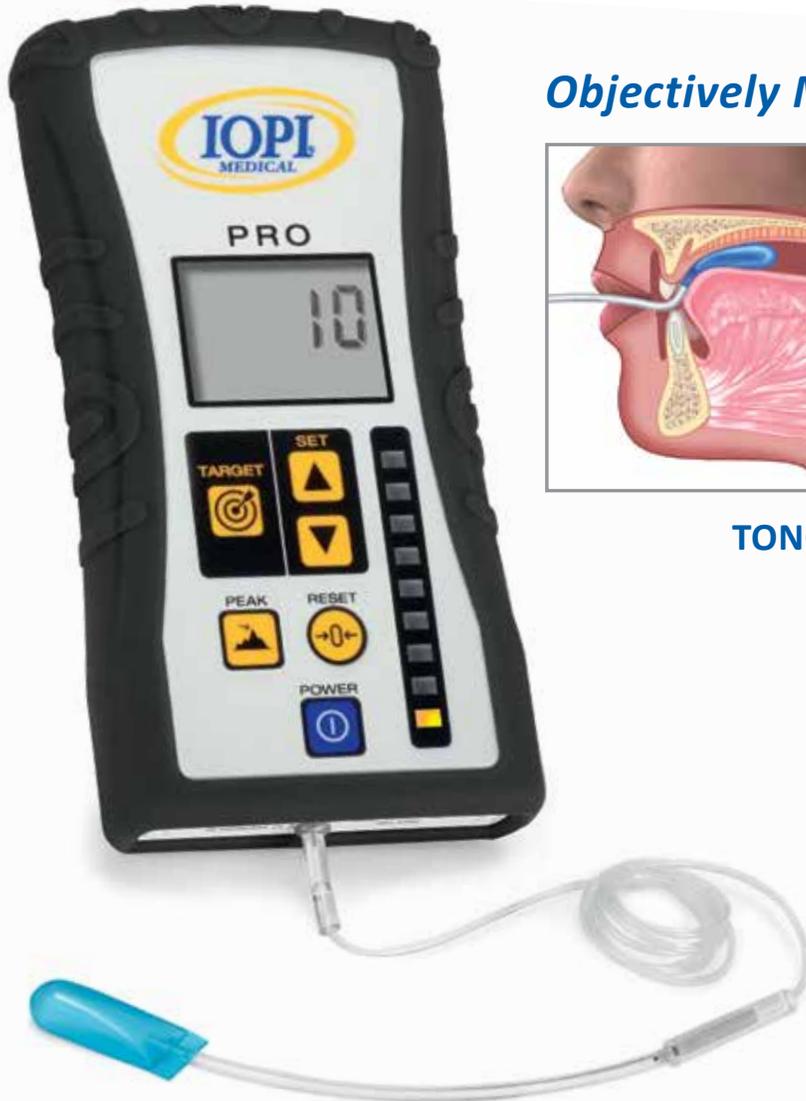
IOPI MEDICAL

Objectively Measure Pressure
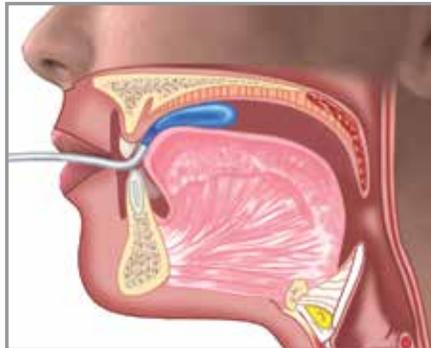
TONGUE

LIP

- The IOPI has been validated in many scientific studies *(visit IOPImedical.com/publications)*

- Normal values are available for both adults and children

- Latest research shows by modifying tongue tone in children with sleep disordered breathing, respiratory symptoms may be reduced

The IOPI has been used clinically since 1992 and is currently used for research and/or clinical assessment and therapy in the following areas:

- Sleep disordered breathing including pediatric OSA
- Assessment and management of abnormal (visceral) swallowing patterns
- Dysphagia assessment (geriatric) and management
- Myofunctional aspects of facial growth

- Orofacial myofunctional therapy
- Assessment of neurological function
- Head and neck oncology rehabilitation
- Stroke rehabilitation
- Biofeedback applications

Improve outcomes • *Motivate patients* • *Justify therapy*

www.IOPImedical.com

IOPI® SERIES 3 FAMILY

CLINIC

IOPI® LIVE

REPORT GENERATOR

HOME

PRO KIT

TRAINER KIT(S)

COMING SOON - COMING 2018

Report Generator
(Coming soon)

Produces patient reports from data collected on the IOPI® Pro and IOPI® Trainer.

IOPI® Live *(Coming 2018)*

An interactive software program to display and record live streaming waveform data from the IOPI® Pro for data collection and exercise biofeedback.

Pro Kit

Pro (Model 3.1) enables medical professionals to objectively measure and evaluate tongue and lip strength and endurance in patients with oral motor disorders, including dysphagia and dysarthria.

Trainer Kit(s)

The IOPI® Trainer (Model 3.2) provides biofeedback to patients for oral motor exercise of the tongue and lip in either a home or clinic setting.

Summary Data · Peak Data · Target Data · Target Bar Chart · Notes

Summary Data

Current Bulb Location: Anterior Tongue

Peak Mode Data:
Maximum Pressure (kPa): 58.7

Target Mode Data:
Total # Days: 3
Total # Sets: 8
Average # Sets/Day: 2.0

Total Successful Reps: 74
Total Failed Reps: 23
Total Attempted Reps: 97

Average Success Ratio: 0.82
Average Target Duration (sec): 0.22

Patient Information:
Patient ID: Joe

TARGET DATA

Target Set Data: Anterior Tongue

Select All	Index	Set	Date	Time	Target (kPa)	Avg Dur (sec)	Success/Total Reps (%)
✓	100	1	8/2/2017	11:41 AM	30	0.2	10/14 (71%)
✓	100	2	8/2/2017	11:41 AM	30	0.2	10/12 (83%)
✓	100	3	8/2/2017	11:53 AM	30	0.2	10/12 (83%)
✓	101	4	8/9/2017	1:05 PM	30	0.2	10/10 (100%)
✓	101	5	8/9/2017	1:05 PM	30	0.1	10/14 (71%)
✓	101	6	8/9/2017	1:05 PM	30	0.1	10/21 (47%)
✓	106	7	9/5/2017	9:03 AM	20	0.4	10/10 (100%)
✓	106	8	9/5/2017	9:03 AM	20	0.4	4/4 (100%)

Target Event Data

Set:Rep	Time	Target (kPa)	Rep Max (kPa)	Success	Target Duration (sec)
Set 1					Reps: 14
	11:41:35 AM	30	34.4	✓	0.17
	11:41:36 AM	30	33	✓	0.13
	11:41:36 AM	30	43.6	✓	0.2
	11:41:37 AM	30	41	✓	0.19
	11:41:38 AM	30	23.4	✗	0
	11:41:38 AM	30	23	✗	0
	11:41:39 AM	30	28.9	✗	0
	11:41:40 AM	30	25	✗	0
	11:41:40 AM	30	38.5	✓	0.18
	11:41:41 AM	30	38.6	✓	0.23
	11:41:42 AM	30	38.9	✓	0.19
	11:41:42 AM	30	34.3	✓	0.14
	11:41:43 AM	30	18.7	✓	0.61
	11:41:44 AM	30	38.2	✓	0.43
Set 2					

BAR GRAPH

8/2/2017 - 9/5/2017: Anterior Tongue

| Set 1 10/14 71% 0.2 sec 30 kPa 8/2/2017 11:41 AM | Set 2 10/12 83% 0.2 sec 30 kPa 8/2/2017 11:53 AM | Set 3 10/12 83% 0.2 sec 30 kPa 8/2/2017 1:05 PM | Set 4 10/10 100% 0.2 sec 30 kPa 8/9/2017 1:05 PM | Set 5 10/14 71% 0.1 sec 30 kPa 8/9/2017 1:05 PM | Set 6 10/21 47% 0.1 sec 30 kPa 8/9/2017 1:05 PM | Set 7 10/10 100% 0.4 sec 20 kPa 9/5/2017 9:03 AM | Set 8 4/4 100% 0.4 sec 20 kPa 9/5/2017 9:03 AM |