

Berard Auditory Integration Training: Effective, Yet Counter-intuitive

Presented by

Sally Brockett, MS
Director, IDEA Training Center

www.IDEA Training Center.com
sally@ideatrainingcenter.com

Development of Berard AIT

Dr. Guy Berard – French Physician

Studied the Tomatis method

Developed more efficient method

Berard Clinic in Annecy, France



The Sound of a Miracle – AIT spreads to U.S.

Hearing Equals Behavior – English ed. published in 1993

Revised edition published in 2011

Development of Berard AIT

Autism Research Institute – research in 1990's

Dr. Berard trained practitioners in the U.S.

Other AIT devices and methods are developed

Practitioners in 30+ countries obtain similar results when following the protocol and using Berard AIT devices



Bérard Protocol

- 30 minutes, 2 times per day w/ at least 3 hours between
- 3 years of age and older
- Headphones
- Limited Distractions
- Provided directly (on-site) by a Berard practitioner
 - Not a “home program”



Bérard Protocol

Berard AIT equipment is evaluated and proven effective.

Currently two devices are accepted:

Earducator



- Audiokinetron



Problems Affecting Listening

Hypersensitivity: hearing with more intensity.
Causes distractibility, distortions

Delayed Response Time: Slow processing
of signals. May miss parts of words,
hears bits and pieces.

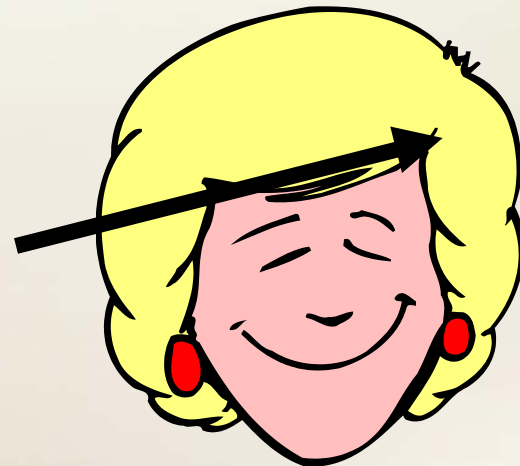
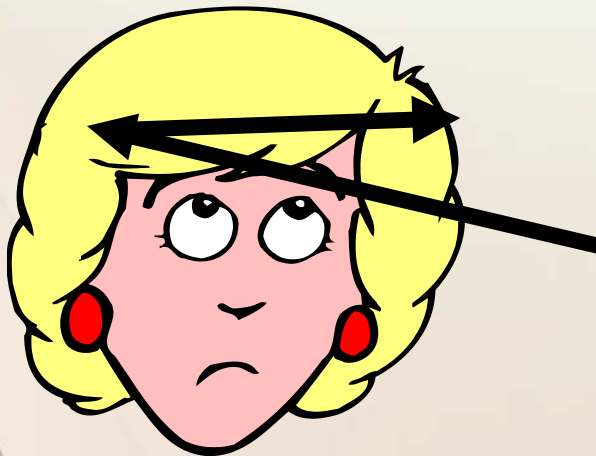
Uncoordinated Hearing: each ear hears differently.
Causes confusion, misunderstanding



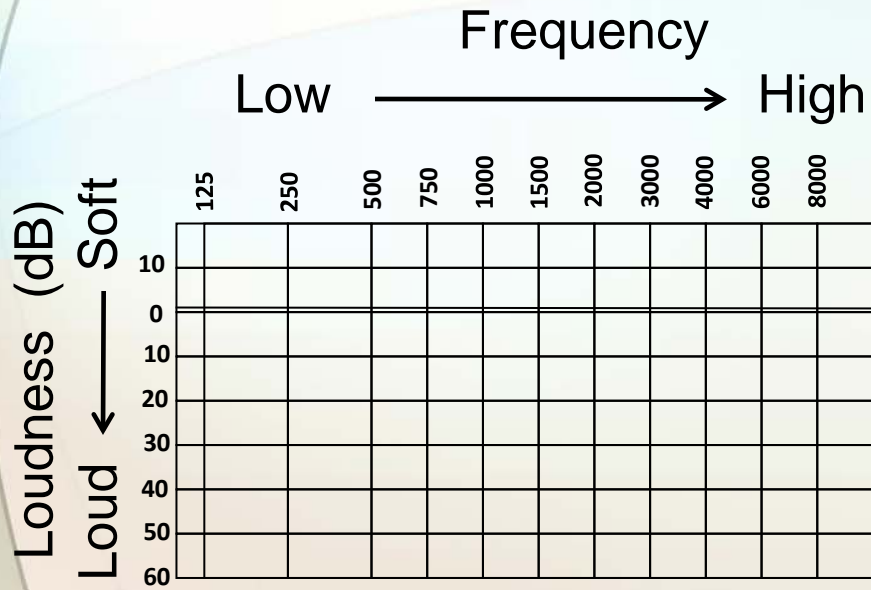
Problems Affecting Listening

Selectivity: difficulty hearing pitch relationships. May not sing on tune.

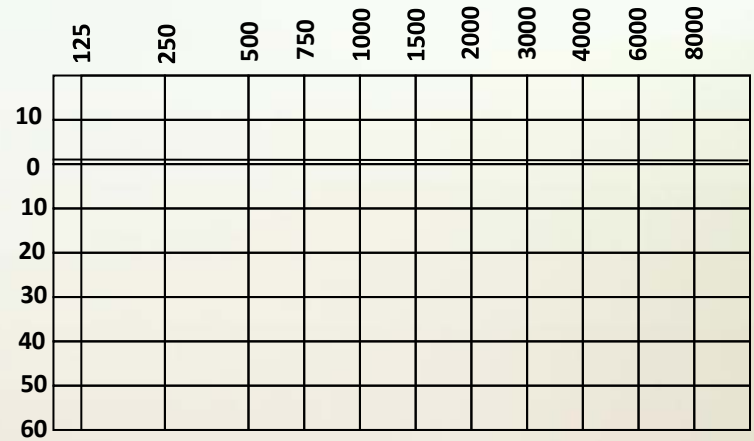
Laterality: lack of dominant ear to process all frequencies. Causes delay in processing sounds, problems with sequencing, spelling.



Audio Test



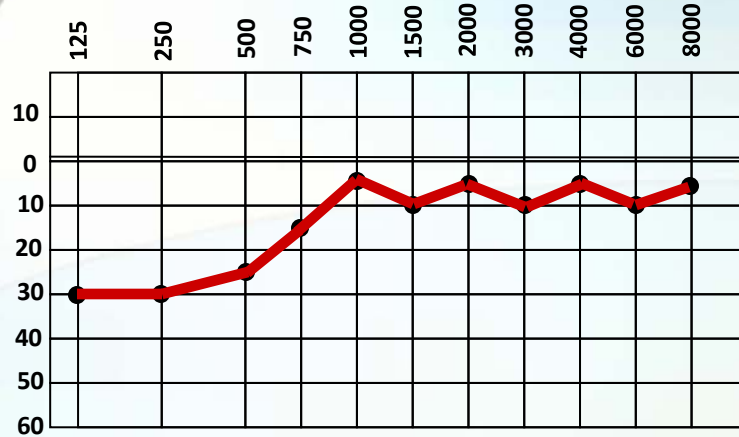
Right Ear



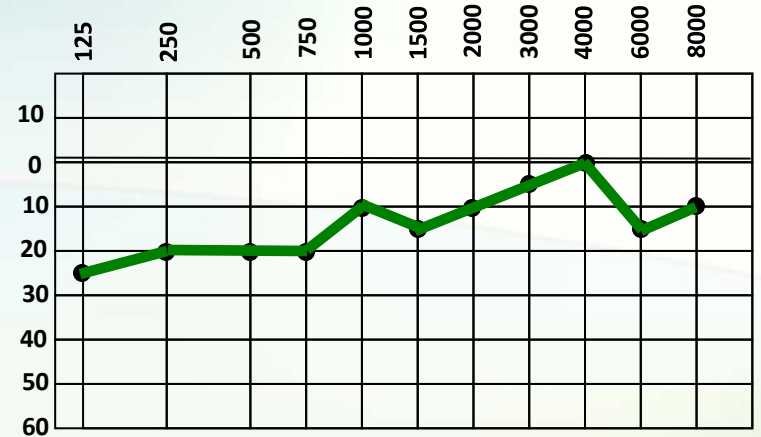
Left Ear

Audio Tests (Autism)

Before AIT

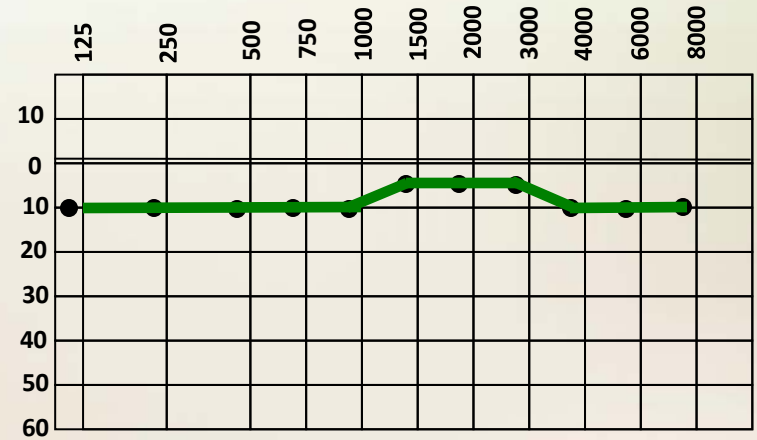
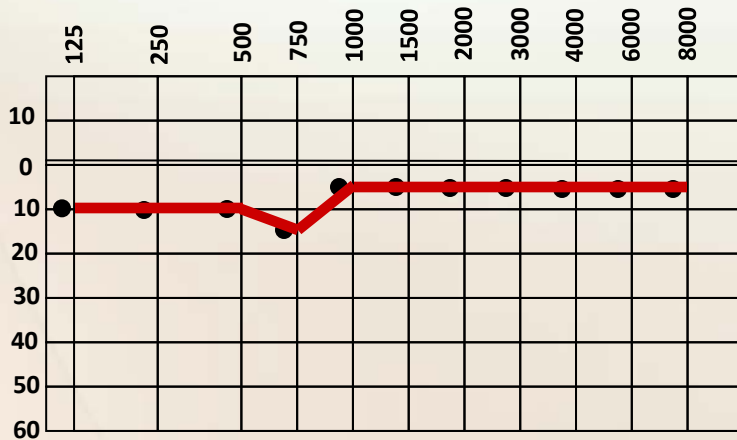


Right Ear



Left Ear

After AIT



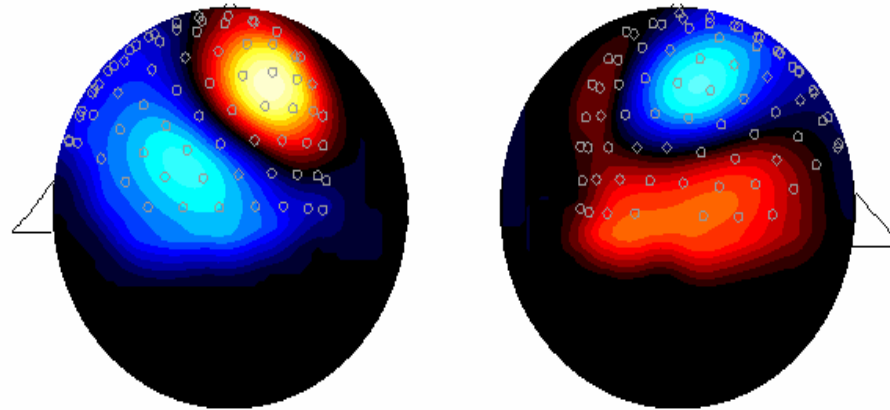
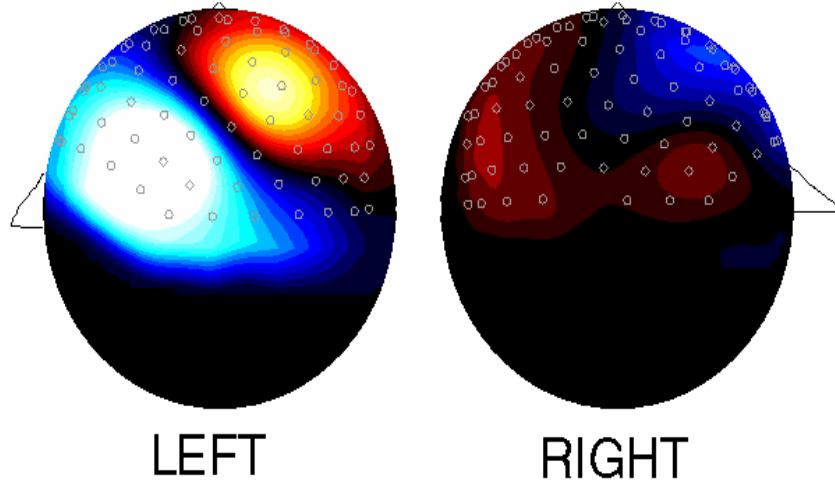
Hearing Quality / Learning Ability Study

Maria Vega, Sp. Ed., Spain

Age - Years	6 – 11	12 - 16	16 - 18
Number of Students	60	50	48
Typical	30	36	29
Learning Difficulties	30	14	19
Predicted By Listening Test	93.1 %	92.9 %	94.7 %

Hemispheric Laterality

Before AIT

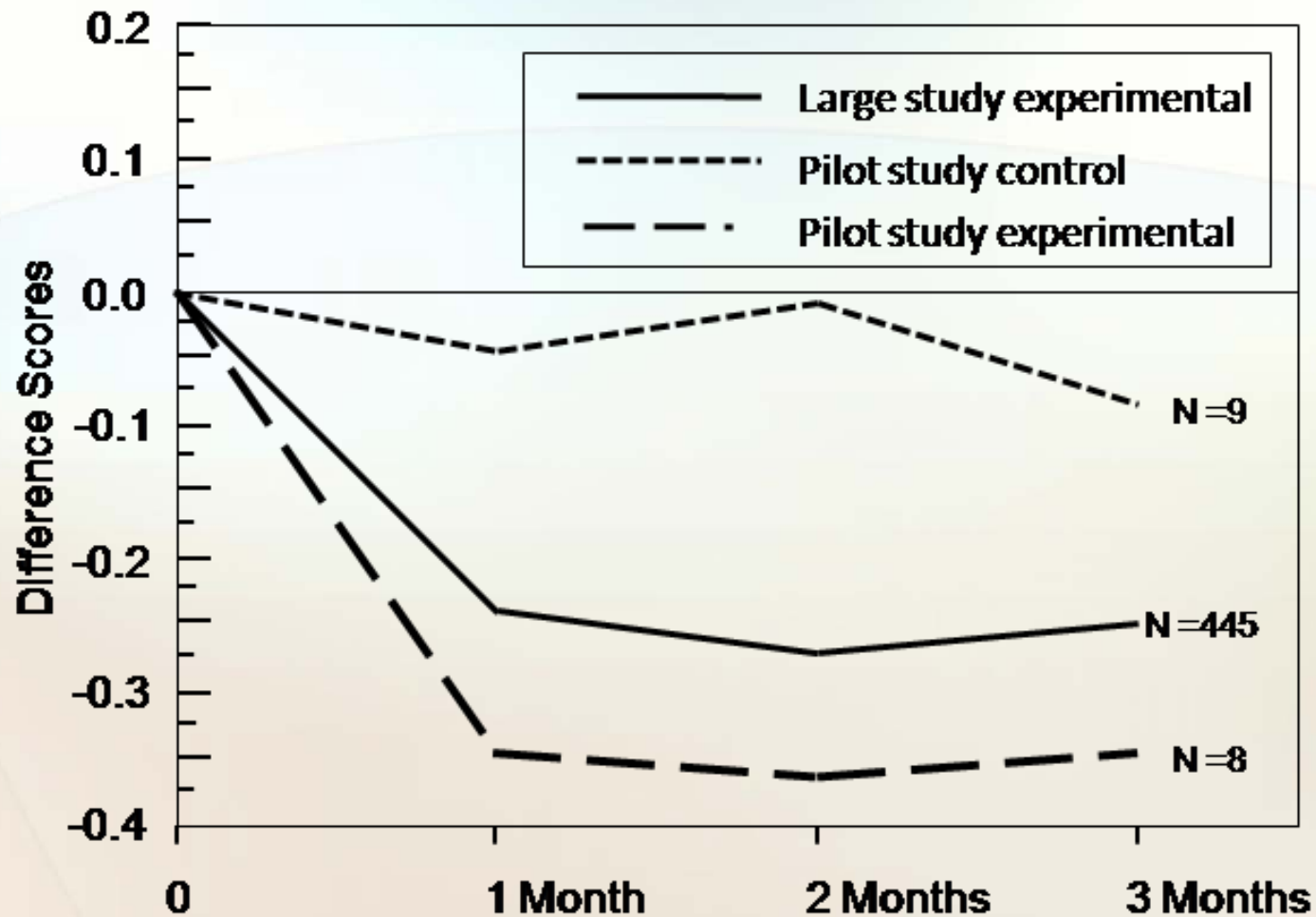


After AIT

Aberrant Behavior Checklist

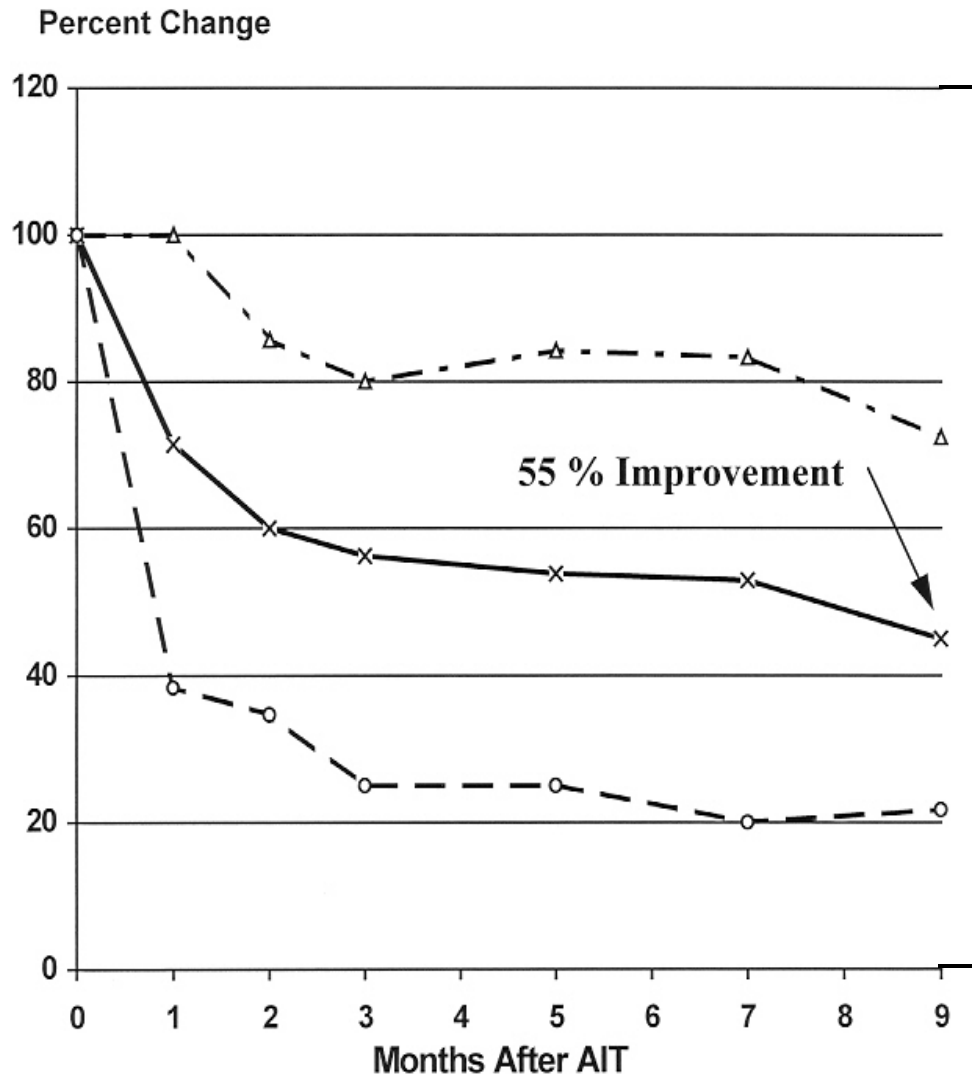
Difference scores (post minus baseline)

Lower scores indicate fewer problems



Hyperactivity

Aberrant Behavior Checklist



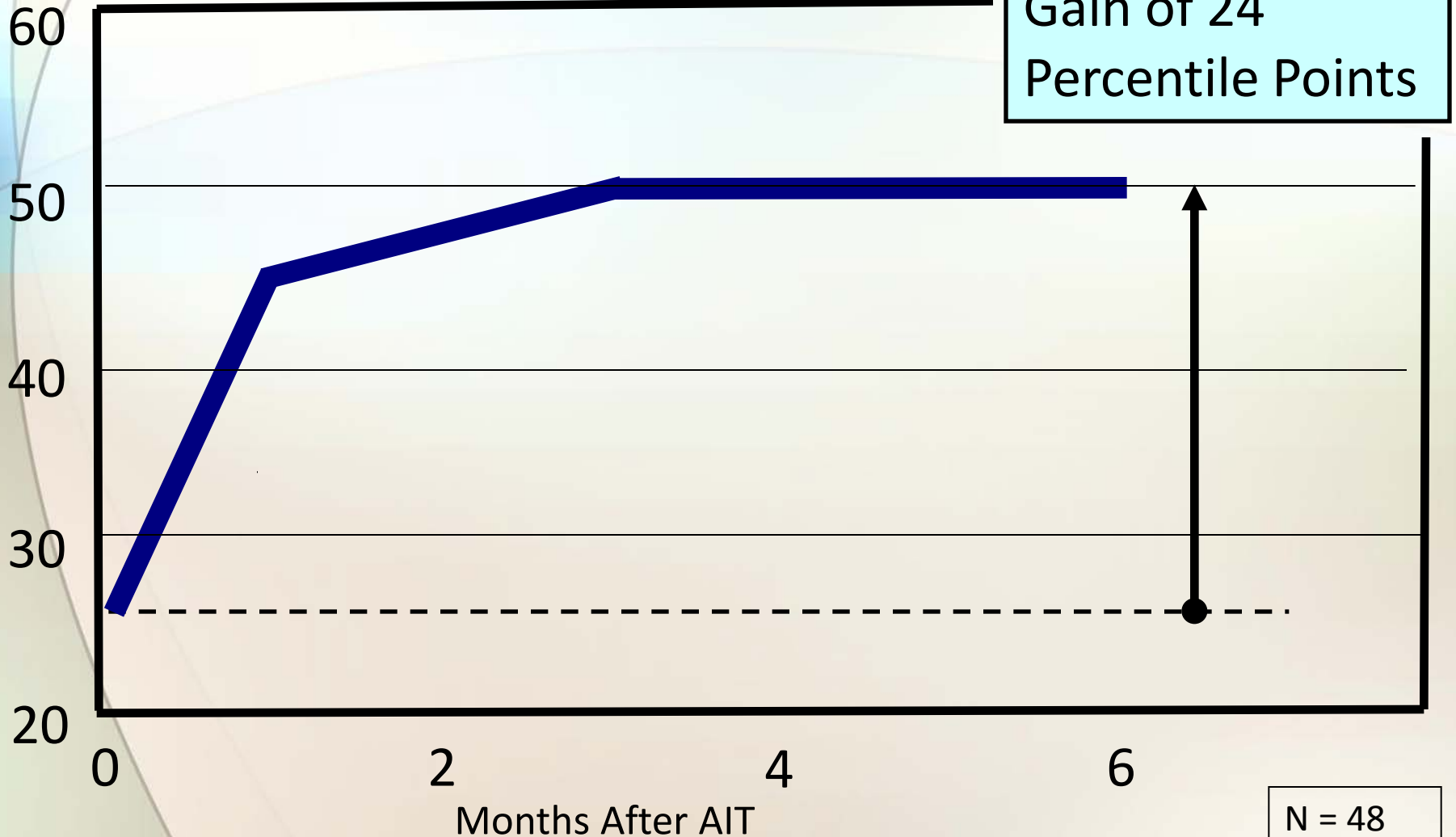
- . - . - . 25th percentile
— Median
- - - 75th percentile

Statistical Significance $p < .01$

$t = 10.1$ No. = 109

Attention Deficit Disorders Evaluation Scale

Percentile - Median



PHELPS Kindergarten Readiness Scale

Pre/Post AIT Results 5-year old boy

	<u>Percentile Rank</u>	
	Pre AIT	Post AIT
Verbal Processing	25	75
Perceptual Processing	9	50
Auditory Processing	< 1	91
Total Readiness Score	3	77

Test of Problem Solving

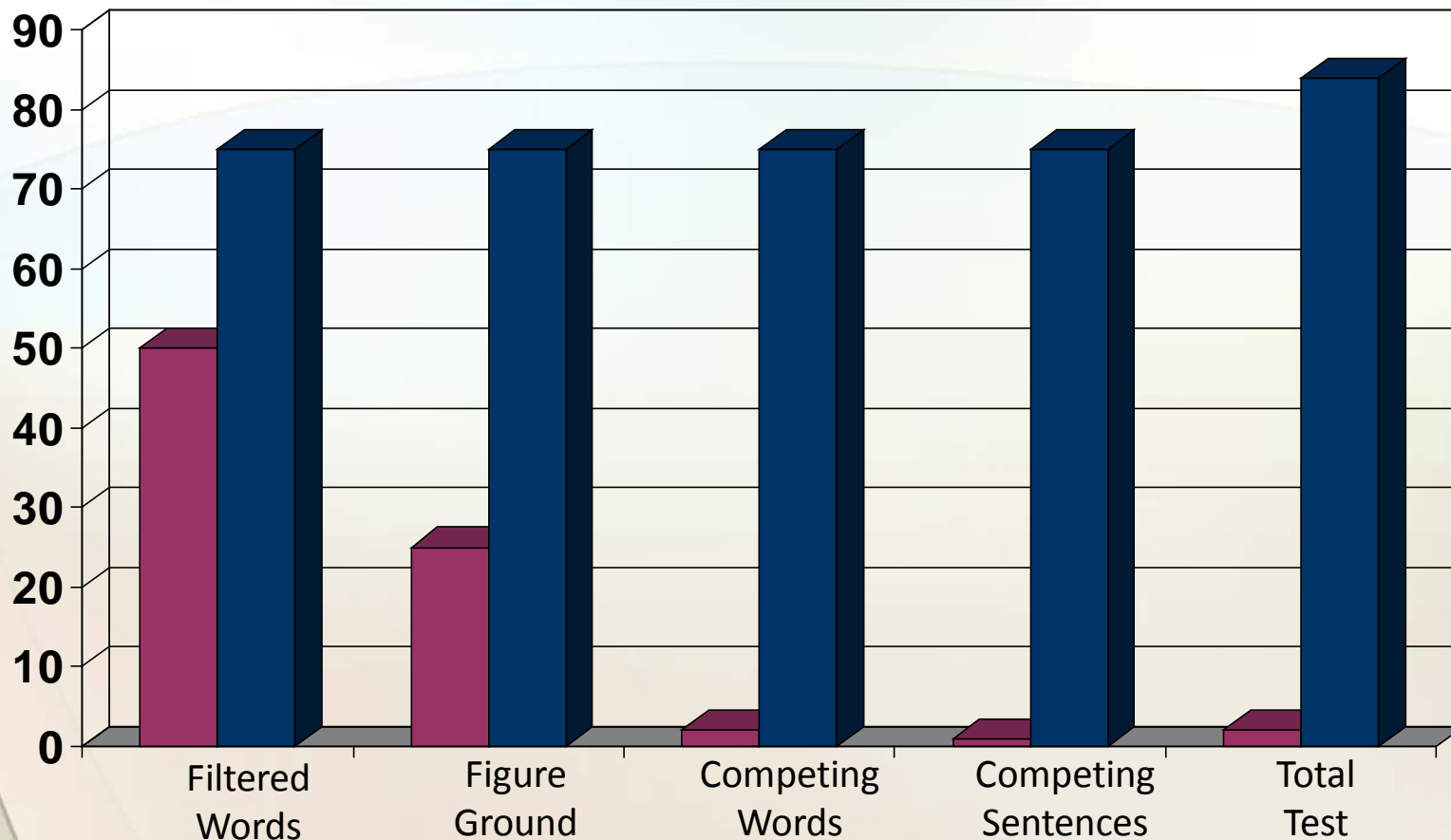
Age Equivalent Scores

Chronological Age:	Before AIT		After AIT
	7 yr.	8 yr.	9 yr.
Explaining Inferences	4.4	5.1	9.7
Determining Causes	5.10	5.10	11.1
Negative Why Questions	6.5	6.11	8.10
Determining Solutions	5.11	6.5	9.10
Avoiding Problems	6.6	6.6	9.9

SCAN-A: Test for Auditory Processing Disorders in Adolescents and Adults

Results for 38-Year Old Male

Percentile



COLORING: 5-Year Old

Before AIT



After 6 days of AIT



Handwriting: 7-year old

Before AIT

I am in the
talent show. I am
doing "yeey" not
only that I'm doing
bracke dancing.
The crowd was

After 6 Days of AIT

I lost my tooth.
at the leyebrainy
but it was not
today? but Wely
wen we did it.
We wir on the
computer mom
was on WWF-comwreling
and at night I put
my tooth upon
my pillow. and at
Til

Berard's Method Center Sweden

Transferred to Regular Education Program

**Long Term Results:
One Year, 9 Months After AIT**

AIT Group (16)

**6 (38%)
To Reg. Ed.**

Control Group (18)

**1 (5.6%)
To Reg. Ed.**

How is Berard AIT Different?

Only 10 hours of listening

Ear health conditions
evaluated prior to start

Listening without distractions encouraged

Listening profile obtained, whenever possible

Documented results



How is Berard AIT Different?

Stimulation received directly from Berard device

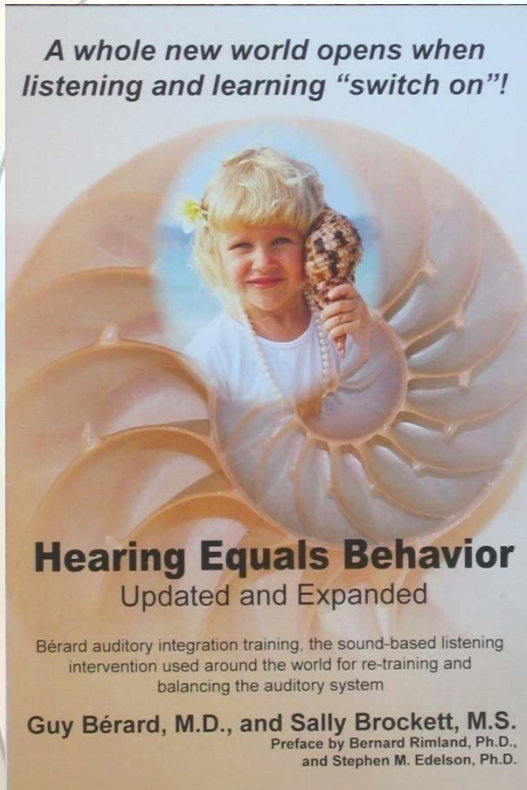
Program provided directly by professional practitioner

Parents typically note changes right away -

73% Report Positive Change During First 10 Days

- Sensory
- Behavior
- Language
- Academics

Hearing Equals Behavior: Updated and Expanded



- Includes Dr. Berard's original content
- Impact of AIT on visual, auditory, and sensory processing
- Data from studies
- Theories, ear health, headphones, and more
- Reports from parents and clients

To order: northshire.com



Now Available for eReaders!

Additional Resources

Official Berard AIT Website

www.berardaitwebsite.com

International List of Berard AIT Practitioners

www.berardaitwebsite.com/PracList.htm

Berard AIT International Society

www.berardaitwebsite.com/BAITIS.htm

Dr. Guy Berard: www.drguyberard.com