

ACTIVATE THE BRAIN TO ENHANCE A CHILD'S CAPACITY TO LEARN

The Australian Centre for Autism and Neurodevelopment (AusCan) provides a pathway for parents and caregivers looking to maximise their child's capacity to learn - and potentially thrive - following an autism or neurodevelopment diagnosis.

Our combined approach of bringing neurodevelopment and behavioural therapies together is an Australian first and enables families to isolate and target areas of concern from a multi-disciplinary capacity.

AusCan is led by qualified and reputed professionals and backed by a belief that diagnosis holds no boundaries; our client outcomes are testament to this.

AusCan represents a positive and optimistic environment that understands, inspires and supports families through these critical yet enlightening early years.

Australian Centre for
Autism
and Neurodevelopment

JOIN OUR COMMUNITY

AusCan regularly hosts scheduled information events, many available as webinars for a national and international audience.

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AUDITORY TRAINING

Stimulating Auditory Pathways

Part of the Australian Centre for Autism and Neurodevelopment (AusCan) services suite

 www.australianautismcentre.com.au



WHAT IS AUDITORY TRAINING?

Auditory Processing Disorder defines the inability of an individual to fully discriminate between, understand or comprehend auditory information – despite the individual having normal intelligence and the ability to hear.

The condition is often associated with autism, where words that sound similar to each other can confuse children. The issue is not that they cannot hear, but their brains are not able to interpret what they hear as the rest of us are.

Auditory processing is the brain function that is used to:

- discriminate sound
- localise and lateralise sounds
- recognise auditory patterns
- discriminate the timing of sounds.

Auditory Training is a non-invasive program that uses electronically modified music and language to stimulate the auditory pathways and enhance auditory neural plasticity to assist and improve auditory processing abilities.

HOW DOES AUDITORY TRAINING WORK?

Using language and music that has been modified electronically, AusCan's Auditory Training Program aids neural plasticity and can help train and enhance a child's auditory comprehension system to differentiate between words and increase understanding of spoken information.

The program uses world-leading technology from Besson of Switzerland, and includes:

- Orchestral-based auditory training incorporating Tomatis Techniques
- Dichotic listening training
- Biofeedback techniques featuring expanding audio-vocal time exercises that help expand speech and language capabilities
- Adaptive exercises around Auditory Working Memory.

Note: AusCan has specifically developed its Auditory Training program from a range of proven disciplines. It should not be compared to or mistaken for similarly named practices.

WHAT IS INVOLVED?

The program begins with an initial assessment to determine the needs of each individual. After a training protocol is developed, treatment begins in a 30-hour, intensive block over about three weeks, and post-training assessments are conducted to understand progression and further training requirements.

