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Capabilities vs. Potential



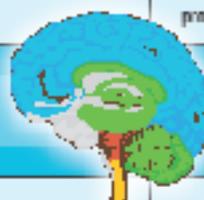
The Minds first step to self awareness must be through the body.
- George Sheehan



- ▶ Movement disorders are not a separate disability. Rather movement disorders are frequently central to the underlying challenges.

THE ONTOGENY OF HUMAN NEUROLOGIC BRAIN FUNCTIONS



Brain Stage	1	2	3	4	5	6	7	8	9	10	11	12
Average Time Frame	Birth	Birth to 3 months	3-6 months	6-9 months	9-12 months	12-18 months	18-24 months	2-3 years	3-4 years	4-5 years	5-6 years	6 years to peer level
Vision	Pupillary reflex	Binocular outline perception	Seeing gross detail, Unified ocular movement	Appreciation of fine detail	Initial binocularity	Complete convergence, Identifying simple abstracts	Reading several words, Identifying complex symbols	Reading phrases, Reading many words	Reading sentences	Reading initial books	Reading books	Skills equal to or above peers and consistent with dominant hemisphere
Auditory	Startle reflex	Response to threatening sounds, Initial perception of sounds	Localization of sound	Appreciation of environmental sounds	Understands several single words	Understands many words and phrases	Understands basic directions	Conception of worldly information leading to concept of time & space	Conception of grammatical and idiomatic language	Conception of sophisticated and abstract language	Sophisticated concept of time & space	Skills equal to or above peers and consistent with dominant hemisphere
Tactile	Babinski reflex	Awareness of temp & discomfort, Early proprioception, Vital tactile	Localization of touch	Proprioceptive ability w/ related to balance and space, Gnosis	Awareness of third dimension	Initial stereognosis	Concepts of texture	Concepts of size	Concepts of shape	Concepts of solidity	Sophisticated stereognosis, Sophisticated proprioception	Skills equal to or above peers and consistent with dominant hemisphere
Highest Level of Skill	RECEPTION MEDULLA & CORD REFLEX	PERCEPTION PONS VITAL	 APPRECIATION MIDBRAIN MEANINGFUL		 CONCEPTION CORTEX UNIQUELY HUMAN PHYSICAL AND INTELLECTUAL SKILLS							
Mobility	Complete movement of extremities	Initial crawling	Functional crawling culminating in a cross pattern	Initial creeping, Assume and maintain quadruped	Functional creeping culminating in a cross pattern, Pull to stand	Walk with arms in primitive balance solo, Free standing, Cruising	Walk and run with arms down without pattern	Initial running in cross pattern	Initial walking in cross pattern	Run and walk in complete cross pattern	Hop, skip, jump and other sophisticated skills	Skills equal to or above peers and consistent with dominant hemisphere
Language	Birth cry	Vital sounds	Experimental use of sounds	Range of expressive and meaningful sounds	Word-like sounds	Several meaningful words, lower pitched, pronounced	Initial phrases, Many new words	Initial sentences, Many phrases	Structured sentences, Advancing vocabulary	Ability to participate in an organized conversation, Proper articulation	Sophisticated ability to express an abstract thought	Skills equal to or above peers and consistent with dominant hemisphere
Manual	Bilateral grasp reflex	Bilateral vital release	Initial prehensile grasp	Mature bilateral prehensile grasp	Bilateral cortical opposition, Unilateral cortical opposition	Primitive use of tools, Initial bimanual function	Bilateral and simultaneous cortical opposition	Sophisticated bimanual skills	Reproducing symbols and words	Spontaneous writing of several words	Spontaneous writing of many words	Skills equal to or above peers and consistent with dominant hemisphere

Afferent Sensory Pathways

Efferent Motor Pathways

Nothing happens until something moves – A. Einstein

Crawling – Associated with the pons

1. Sense of belonging / Attachment
2. Awareness of pain temperature and discomfort
3. Strongly associated with development of speech



Creeping – Associated with the midbrain

1. Organization of sensory input / environment
2. Emotional and Physical Balance
3. Strongly associated with evolving speech



Crawling....



Creeping...



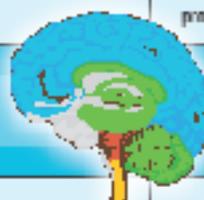


Opportunities are usually
disguised as hard work,
so most people don't
recognize them

- Ann Landers

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Efferent Motor Pathways

SONIC LIFE

The Science of Sound

Every frequency resonates in a different part of the body.

3-6 Hz – Immune Boost

6-8 Hz – Autoimmune Conditions

10 Hz – Mitochondria

12 Hz – Adrenal

19 Hz – Sphenoid Bone

25-35 Hz – Bone density, muscle & joint repair





IonCleanse

by AMD



Age	Gender	Base ATEC	90 Day ATEC	90 Day Change	ATEC by Age
18	M	100	65	-35.0%	Average ATEC reduction of teenagers is 60%
18	F	29	26	-10.3%	
17	M	63	14	-77.8%	
16	F	30	5	-83.3%	
16	M	34	13	-61.8%	
15	M	46	12	-73.9%	
15	M	27	10	-63.0%	
14	M	70	27	-61.4%	
14	M	52	23	-55.8%	Average ATEC reduction of 10-12 year olds is 54%
13	M	42	10	-76.2%	
12	M	65	23	-64.6%	
12	F	120	56	-53.3%	
12	M	30	22	-26.7%	
11	F	56	37	-33.9%	
10	M	33	6	-81.8%	Average ATEC reduction of 4-9 year olds is 43%
10	F	68	18	-73.5%	
10	F	75	43	-42.7%	
9	M	58	27	-53.4%	
9	F	18	13	-27.8%	
9	M	90	66	-26.7%	
7	M	30	4	-86.7%	Average ATEC reduction for all participants in 90 days is 52%
6	M	88	60	-31.8%	
6	F	80	60	-25.0%	
5	F	46	26	-43.5%	
5	F	84	59	-29.8%	
4	M	63	10	-84.1%	
4	M	53	42	-20.8%	



Audio-Visual Entrainment

- Alleviate Stress
- Improve Cognition
- Reduce Behavioral Problems
- Decrease Pain
- Increase Sleep Quality
- Relieve Depression and Anxiety

Pulsed Electromagnetic Field Therapy

Earth Based Frequencies

- Improves cellular oxygenation
- Recharges cells
- Promotes bone health
- Decreases pain
- Reduces inflammation
- Increase blood flow





sunlightenTM
empowering wellnessTM

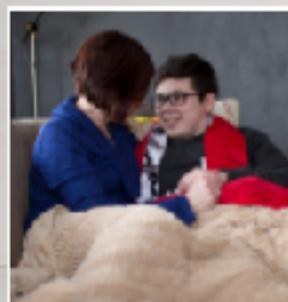
1. Heat Penetrates up to 3 inches
2. Increase core temperature 2-3 degrees
3. Deep detoxification
4. Excellent for blood pressure
5. Acoustic Resonance Therapy for deep relaxation



Everyone deserves to feel CapeAble!



PLUSH
WEIGHTED
BLANKETS



Improved
sleep!

DIGNIFYING
WEIGHTED
WEARABLES



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comfort!

SENSORY
ENRICHMENT
TOOLS



Improved
focus!

WHAT IS YOUR NEED? CAPEABLE CAN HELP! CONTACT US:

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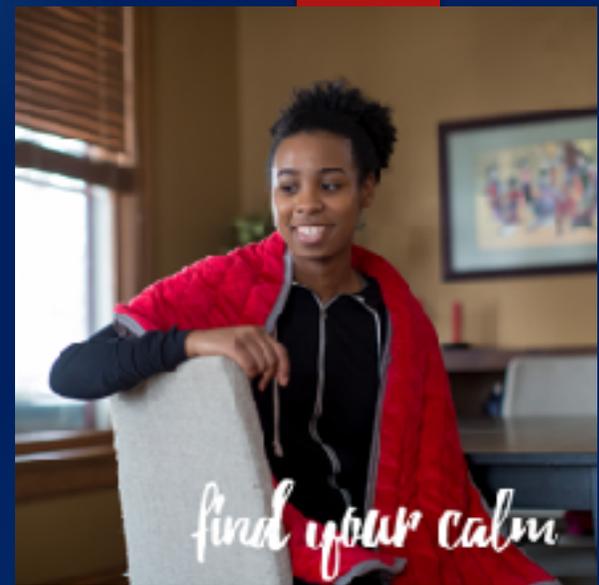
let's make homework a little less work!



enjoy life!



embrace every day!



find your calm



go out with confidence!



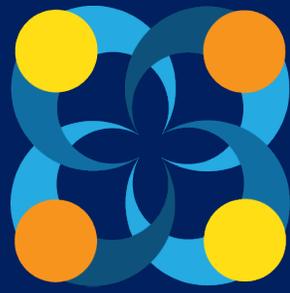
seize the day!



find your comfort!



find your focus



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