Micah Craypo

PTA 1010

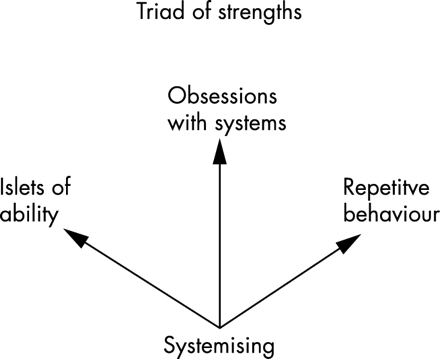
Autism:

Pathology & Physical Therapy

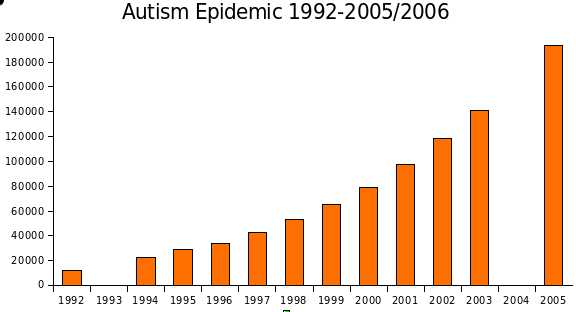
**Autistic disorder (or *autism*):** Is a childhood disorder characterized by significant impairment in social interactions and communication and by restricted patterns of behavior, interest, and activities.

**Origins of Autism**

* 1930s & 1940s- Specific D/O with Limited Range and Type of Emotions
* Environmental- Parents not Providing Sufficient Support
* 1950s & 1960s- Psychologist Harry Harlow & Baby monkeys
* DSM-IV-TR/ PDD- Must meet 6 out of 12.

[](http://jnnp.bmj.com/content/75/7/945/F2.large.jpg)

**Autism:** is a complex neurobiological disorder that interferes with normal development in language, social interaction and behavior. The technical term, autism spectrum disorders (ASDs), refers to a group of developmental disorders that are usually first diagnosed in early childhood and include: autistic disorder, pervasive developmental disorder not otherwise specified (PDD-NOS) and Asperger’s syndrome. It also includes two rare disorders, Rett disorder and childhood disintegrative disorder (SARRC).



**Physical Therapy: Pediatrics**

[](http://www.google.com/imgres?q=autism+and+physical+therapy&hl=en&gbv=2&biw=1038&bih=491&tbm=isch&tbnid=PgVLAB7IYH0KsM:&imgrefurl=http://www.ca-medicalnews.com/physical-therapy-for-autism.html&docid=WgYbiL5Y_GsCvM&imgurl=http://www.ca-medicalnews.com/images/physical_therapy.jpg&w=250&h=315&ei=sgc4T9GZAeaYiAK48u2fCg&zoom=1&iact=rc&dur=362&sig=113858136696621858138&page=2&tbnh=143&tbnw=116&start=10&ndsp=15&ved=1t:429,r:2,s:10&tx=49&ty=69)[](http://www.google.com/imgres?q=autism+and+physical+therapy&hl=en&gbv=2&biw=1038&bih=491&tbm=isch&tbnid=3WeCm8LodPXo4M:&imgrefurl=http://thechildwellnesscenter.com/index.php?id=15&docid=VARlRo-wHYSidM&imgurl=http://thechildwellnesscenter.com/assets/images/child%2520with%2520walker.jpg&w=590&h=814&ei=sgc4T9GZAeaYiAK48u2fCg&zoom=1)

**Screening:** Distinguish comparative behaviors.

* Screener
* Denver II Development
* Neurodevelopmental
* Bayley Infant

**Assessment:** Determining therapeutic service needs.

* Pediatric Evaluation of Disability
* Motor Proficiency
* Bayley Scales of Infant & Toddler
* Development III

**Physical Therapy in Treating Autism**

* Motor function & developmental delay
* Respiratory control
* Balance & coordination deficits
* Misalignments in musculoskeletal system
* Developing fitness programs

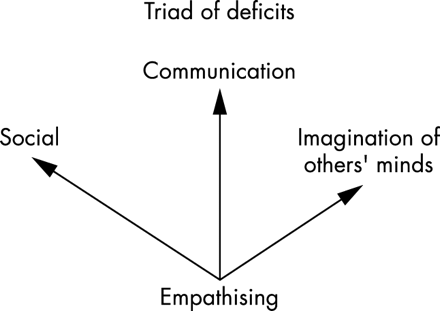
Research

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