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## **Role of Non Integrated Primitive Reflexes with Correlation of Physical Deformities in Perception & Cognitive Functions of Brain and Out Come when Non Retained Primitive Reflexes are Integrated & Physical Deformities Corrected via Exercises**

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**Introduction:** The Primitive Reflexes play an important role in achieving developmental milestones, when a primitive reflex is in non integrated stage; the achieving next correlated developmental milestones is abruptly which may lead to improper higher brain functions in certain areas.

This improper higher brain functioning may lead to do body movements in specific pattern which may lead to rise of specific physical deformities.

**Objectives:** This study was focused on finding Correlation between Non Integrated Primitive Reflexes and Physical Deformities to ascertain their Impact on Higher Brain Functions.

**Approach:** This study was done in time frame of 18 Months with fortnightly follow-up Assessment and review of exercises planned.

The Age group was taken in wider range from 2 years to 14.5 years in aspect of Early to Late Referral from Medical Specialists.

A total of 1238 children were assessed and therapy planned with fortnightly follow-up for review and change in exercises.

In assessment Child was assessed for

1. Developmental Milestones
2. Primitive Reflexes
3. Muscle Tone
4. Any Specific Behavioral Pattern of Movement.
5. Perception and Cognition Level
6. Sensation
7. Physical Deformities like Tightness/Pressure Correctable Deformity/Fixed Deformity.

This was reviewed fortnightly and Exercises were designed accordingly.

**Conclusion:** This study found that a Specific Non Integrated Reflex was related to Specific Pattern of Movement affecting a Specific Perception and Cognitive Functioning and development of Specific Body Posture which has a Specific Deformity. When Reflex was Integrated via Specific Exercises the Deformity was Automatically Corrected as well as Better Perception and Cognitive Functions were Achieved.