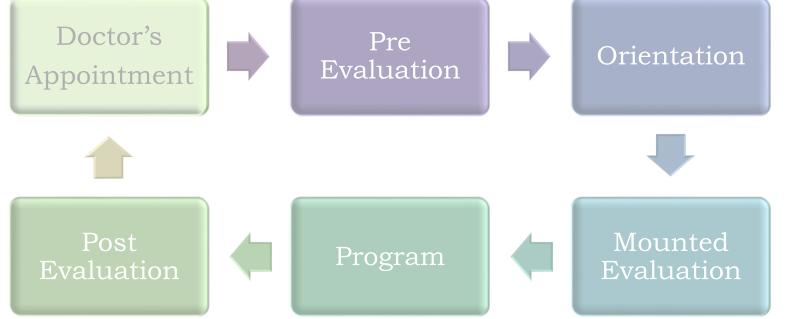


Clinic to Arena Children with Cerebral Palsy in Equine Arena

Orientation to Arena







Pre Evaluation



- Gross Motor Function Measure (GMFM 66)
 - Approximate Time : 30 min.
 - Who Evaluate : Physical Therapist (HPCS*)
 - Items in GMFM
 - A: Lying & Rolling
 - B : Sitting
 - C : Crawling & Kneeling
 - D : Standing
 - E: Walking, Running & Jumping

* HPCS: Hippotherapy Clinical Specialist

Orientation

- Parents Orientation
 - Approximate Time : 30 min.
 - Contents
 - Principles
 - Effects expected in general
 - Precaution
 - Volunteer introduction
 - Parents Riding Experience

Specific for Cerebral palsy

- Tone normalize
- Hip joint mobility
- Strengthening (Core, Leg, shoulder, etc)
- Coordination



Mounted Evaluation

- n
- Postural Assessment Scale for Hippotherapy (PASH*)
 - Approximate Time : 30 min.
 - Who Evaluate : Physical therapist / Riding Instructor
 - Items
 - 1. Hands up
 - 2. Trunk Rotation
 - 3. Reaching (Left / Right)
 - 4. Standing Up
 - 5. Stand Up and Down
 - 6. Backward Sitting
 - 7. Side Sitting (Left / Right)

* PASH is scale developed by Samsung RD center with Samsung Medical Center.





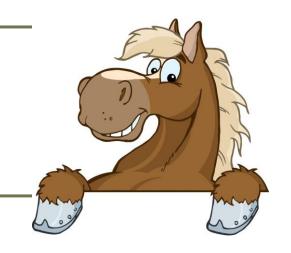
Individual class

- Focuses more on MOBILITY & STRENGTHENING
 - -- pelvic posture and mobility
 - -- upper extremities mobility with core stability
 - -- lower extremities strengthening with ankle stability

Group class

- Focuses more on RIDING ABILITY
 - -- Reining (building up from core stability)
 - -- Trotting (building up from ankle stability)





- Individual class
 - Focuses more on MOBILITY & STRENGTHENING
 - -- pelvic posture and mobility
 - -- upper extremities mobility with core stability
 - -- lower extremities strengthening with ankle stability
- Group class
 - Focuses more on RIDING ABILITY
 - -- Reining (building up from core stability)
 - -- Trotting (building up from ankle stability)





Pelvic posture and mobility

Postural Assessment Scale for Hippotherapy (PASH*)

- 1. Hands up
- 2. Trunk Rotation

. . .

- 6. Backward Sitting
- 7. Side Sitting (Left / Right)





- Individual class
 - Focuses more on MOBILITY & STRENGTHENING
 - -- pelvic posture and mobility
 - -- upper extremities mobility with core stability
 - -- lower extremities strengthening with ankle stability
- Group class
 - Focuses more on RIDING ABILITY
 - -- Reining (building up from core stability)
 - -- Trotting (building up from ankle stability)





Postural Assessment Scale for Hippotherapy (PASH*)

3. Reaching (Left / Right)





- Individual class
 - Focuses more on MOBILITY & STRENGTHENING
 - -- pelvic posture and mobility
 - -- upper extremities mobility with core stability
 - -- lower extremities strengthening with ankle stability
- Group class
 - Focuses more on RIDING ABILITY
 - -- Reining (building up from core stability)
 - -- Trotting (building up from ankle stability)





 Lower extremities strengthening with ankle stability

Postural Assessment Scale for Hippotherapy (PASH*)

- 4. Standing Up
- 5. Stand Up and Down

* IMPORTANT: ANKLE-FOOT ORTHOSIS





- Individual class
 - Focuses more on MOBILITY & STRENGTHENING
 - -- pelvic posture and mobility
 - -- upper extremities mobility with core stability
 - -- lower extremities strengthening with ankle stability
- Group class
 - Focuses more on RIDING ABILITY
 - -- Reining (building up from core stability)
 - -- Trotting (building up from ankle stability)





- Individual class
 - Focuses more on MOBILITY & STRENGTHENING
 - -- pelvic posture and mobility
 - -- upper extremities mobility with core stability
 - -- lower extremities strengthening with ankle stability
- Group class
 - Focuses more on RIDING ABILITY
 - -- Reining (building up from core stability)
 - -- Trotting (building up from ankle stability)



Post Evaluation



- Gross Motor Function Measure (GMFM 66)
- PASH



 The results of Pre and Post evaluation and comments of riding program are shared to Doctor for further assessment.





Thank you for your attention!



