

Motion Analysis Compendium Report



| | | | |
|---------------------|-----------------|---------------------|-----------|
| Patient Name | Rowan Hazelwood | MRN: | 33069893 |
| Date of Birth: | 10/02/2024 | Age: | .08 |
| Date of Evaluation | 03/07/2025 | Gender | Female |
| Biomechanist | bio | Visit Diagnosis | diag |
| Referring Physician | refphys | Examining Therapist | therapist |

These are test comments for the test patient.

Questionnaire Report

Patient: Rowan Hazelwood MRN: 33069893 Visit Date: 03/07/2025

| | |
|-----------------------------------|------------------------------------|
| Person Completing Questionnaire | Kameron Hazelwood |
| Relationship to Patient: | Birth Parent |
| Recent Change to Ability to Walk: | Much Better |
| Noted for Support while Walking: | Walks without Support and Keeps up |
| FMS: | (3,5,C) |
| Date to Followup with MD: | 05/31/2025 |
| General Concerns: | |

Seizure Medications:

Depakote Hand Led

Current Devices/Braces:

Gait Concerns:

Frequent Tripping Fingers (R)
Shoulder

Pain Reports:

Physical Therapy Frequency:

| | |
|-----------|------------------------------|
| Hospital: | None |
| Clinic: | One or more times per week |
| School: | Two or three times per month |
| Home: | About once per month |

Occupational Therapy Frequency:

| | |
|-----------|----------------------------|
| Hospital: | None |
| Clinic: | One or more times per week |
| School: | About once per month |
| Home: | About once per month |

Basic Questionnaire

Person providing History: Kameron Hazelwood

Relationship to Parent: Birth Parent

Date of Baseline Report: 03/05/2025

How Premature was the birth Not Premature

How long was the hospital stay at birth: None

Age walked with support 18 months

Age walked without support n/a

How does child learn Slow, needs special class

Surgical History

| Date | Procedure | Side | MD | Facility | Comments |
|---------------------|-----------|------|----|----------|----------|
| No content in table | | | | | |

Botox History

| Date | Body Location | Side | MD | Facility |
|---------------------|---------------|------|----|----------|
| No content in table | | | | |

Health History

| Age | Condition |
|---------------------|-----------|
| No content in table | |

Health Condition

| Health Condition |
|---------------------|
| No content in table |

Lower Extremity Physical Exam

Daum, Madeline

| | | | | | |
|----------------|------------|--------------|--------|---------------|------------|
| MRN: | 33069893 | Height (cm): | 27.0 | Date of Eval: | 03/07/2025 |
| Date of Birth: | 10/02/2024 | Weight (kg): | 8 | Therapist: | |
| Age at Eval: | Text | Gender: | Female | Comparisons: | 03/07/2025 |

| | Passive ROM | | Strength | | Key |
|---------------------|-------------|--------|----------|------|--|
| | Right | Left | Right | Left | |
| Hip Flex | 125 | 115 | 4 | 4+ | 0 No palpable contraction or observable movement. |
| Hip Ext | 0 | 5 | 4 | 4+ | 1 Contraction in the muscle but no observable movement |
| Hip Abd | 30 | 35 | 4 | 4+ | 1+ Visible movement of the part but <50% through the available range in a gravity-eliminated position. |
| Hip Int Rot | 60 | 50 | | | 2- >50% AROM through the available range in a gravity-eliminated position. |
| Hip Ext Rot | 25 | 30 | | | |
| Ryder Test | -30 | -30 | | | |
| Knee Ext | -8 | -10 | 4 | 4 | 2 Full AROM through the available range in a gravity-eliminated position. |
| Pop Angle | 75 | 55 | | | |
| | 70 | 50 | | | 2+ Full AROM with some manual resistance in a gravity-eliminated position. |
| Bilateral Pop Angle | 60 | 45 | | | |
| Ely Test | 120 | 120 | | | 3- >50 AROM through the available range against gravity. |
| Dorsi (flex) | -15 | 30 | 2 | 4+ | |
| Dorsi (ext) | -20 | 15 | | | 3 Full AROM through the available range against gravity. |
| Plantar | 65 | 55 | 2 | 4+ | 3+,4- Full AROM against gravity - minimal manual resistance. |
| Ankle Inv | 30 | 25 | 1 | 4+ | 4,4+ Full AROM against gravity - moderate manual resistance. |
| Ankle Ever | 30 | 25 | 1 | 4+ | |
| TMA | 15 EXT | 15 EXT | | | 5 Full AROM against gravity - maximal manual resistance. |
| Knee Flex | WNL | WNL | 4 | 4+ | |
| TFA | 8 EXT | 5 EXT | | | |
| FF AB/ADD | 3 ADD | 3 ADD | | | |
| Calcaneal Inv | 30 | 25 | | | |
| Calcaneal Ever | 10 | 10 | | | |
| Leg Length | 62 | 72 | | | |
| Knee Varus/Valgus | -- | -- | | | |
| Extensor Lag | -20 | -20 | | | |

Motor Control

| | Right | Left |
|-------------------------|--------------|-------------|
| Iliopsoas | g | g |
| Glute Med | g | g |
| Hip Adductor | g | g |
| Glute Max | g | g |
| Quads | g | g |
| Hamstring | p | p |
| Ant Tibialis | p | p |
| Gastrocnemius | p | p |
| Post Tibialis | p | p |
| Soleus | p | p |
| Peroneals | p | p |
| Proximal Muscle Control | | |
| Distal Muscle Control | | |

Good Patient is able to isolate individual muscle contraction through entire available passive range of motion upon command.

Fair Patient is able to initiate muscle contraction upon command, but is unable to completely isolate contraction through entire passive range of motion.

Poor Patient is unable to isolate individual muscle contraction secondary to synergistic patterns, increased tone and/or decreased or absent activation.

Tone

| | Right | Left |
|-------------------------|-------|------|
| Iliopsoas | 1 | 0 |
| Glut Max | 1 | 0 |
| Adductor | 1+ | 0 |
| Rectus Femoris | 1+ | 0 |
| Rectus Catch Angle | 45 | 0 |
| Vastus Medialis | 1+ | 0 |
| Hamstring | 1+ | 0 |
| Post Tib | 0 | 0 |
| Ant Tib | 0 | 0 |
| Gastroc | 1 | 0 |
| Clonus | 0 | 0 |
| Knee Jerk | 3+ | 3+ |
| Ankle Jerk | 2+ | 3+ |
| Babinski | up | down |
| Proximal Muscle Control | | |
| Distal Muscle Control | | |

Modified Ashworth Scale

00 Hypotonic

0 No increase in tone.

1 Slight increase in tone manifested by a catch and release or by minimal resistance at the end of range of motion

1+ Slight increase in muscle tone manifested by a catch followed by minimal resistance throughout the remainder (less than half) of the range of motion

2 More marked increase in muscle tone through most of the range of motion, but affected part easily moved

3 Considerable increase in muscle tone, passive movement difficult.

4 Affected part rigid

Pain

| Pain Assessment Factors | Numerical |
|-------------------------|----------------|
| Aggravating Factors | running/impact |
| Activities Impacted | sports |
| Current Level | 0 |
| Lowest Level | 0 |
| Highest Level | 5 |
| Location of Pain | ankle |
| Frequency of Pain | 1x week |
| Duration of Pain | |

Functional Strength - GMFM-D

| | Right | Left |
|--|-------|------|
| Pull to Stand(52) | 3 | -- |
| Independent Standing - Arms Free (3 sec) (53) | 3 | -- |
| Independent Standing - Arms Free (20 sec) (53) | 3 | -- |
| One leg stance hand held - Right (54,55) | 3 | -- |
| One leg stance (57,58) | 3 | -- |
| Short sit to stand (59) | 3 | -- |
| High Kneel to stand (60,61) | 2 | -- |
| Lowers to floor (62) | 3 | -- |
| Squats (63) | 3 | -- |
| Standing-picks pen from floor(64) | 3 | -- |

Total GMFM Score: 36/39



Mobility Scales

| | |
|-------------------|------|
| Ambulations Scale | Text |
| GMFCS: | Text |
| FMS (5m) | Text |
| FMS (50m) | Text |
| FMS (500m) | Text |
| MACS | Text |
| | |

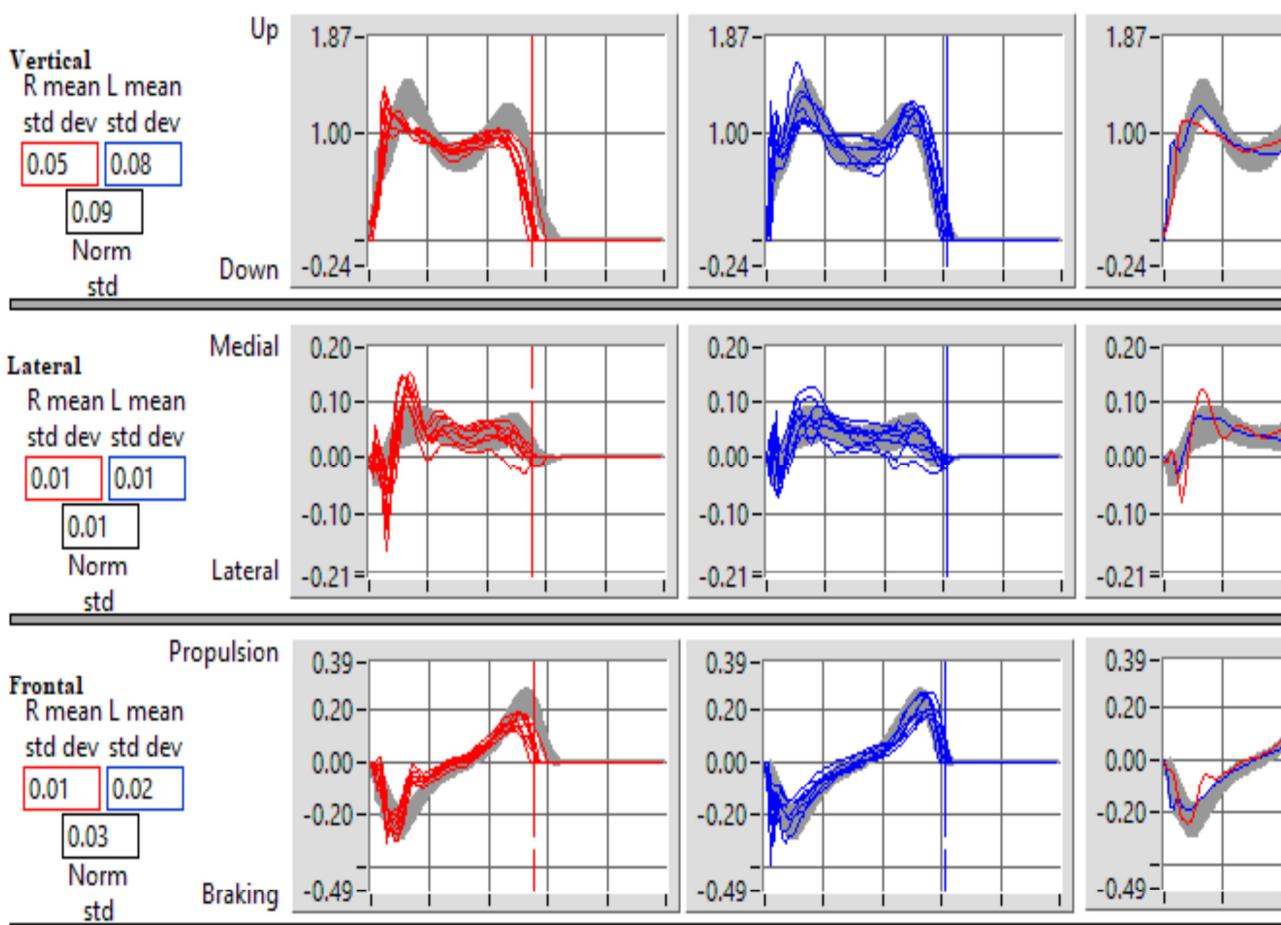
Alfred I. duPont Hospital for Children's Gait Analysis Laboratory



| | |
|---------------|----------------|
| Patient Name: | Madeleine Daum |
| I.D. #: | 32581055 |
| Test Date: | 11/11/22 |
| Age: | 8 |

| | |
|------------|--------------------------------|
| Measure: | Ground Reaction Forces (BW) |
| Comment: | Barefoot - No Assistive Device |
| Norm File: | 8.NRM (+/- 1 SD) |

Right (RHS to RHS) 8 # cycles Left (LHS to LHS) 8 # cycles Avg (left side)



| | |
|----------|--------------------------------|
| Name: | Madeleine Daum |
| Date: | 111122 |
| MRN #: | 32581055 |
| Measure: | Hallux realivive to ForeFoot |
| Comment: | Barefoot - No Assistive Device |

of Rt Cycles: 14
of Lt Cycles: 15



Left

