

Motion Analysis Compendium Report



Patient Name	Rowan Hazelwood	MRN:	33069893
Date of Birth:	10/02/2024	Age:	.11
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

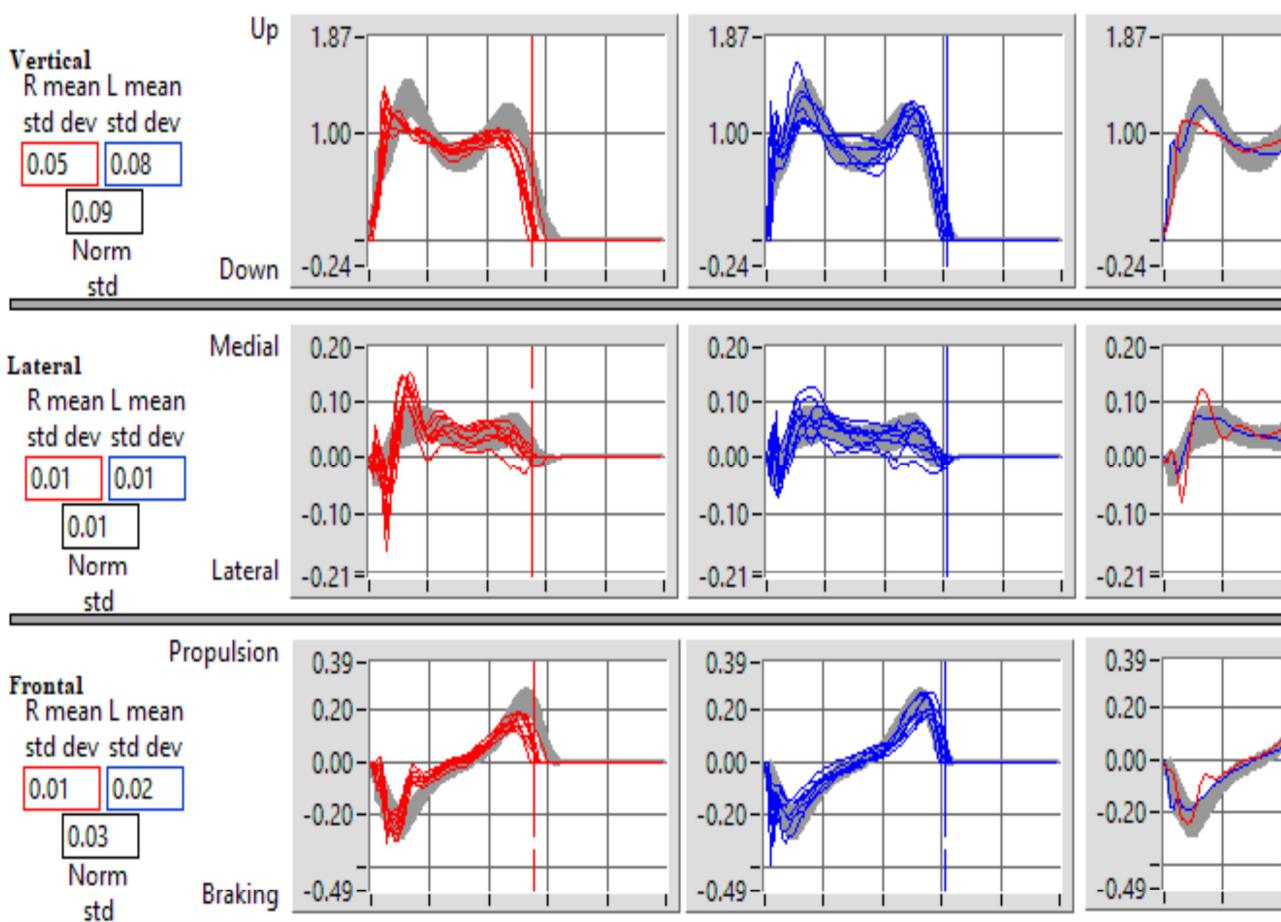
Alfred I. duPont Hospital for Children's Gait Analysis Laboratory



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 realalive to ForeFoot
Comment:	Barefoot - No Assistive Device

# of Rt Cycles:	14
# of Lt Cycles:	15



Left

