

MOTION ANALYSIS LAB

301 Michigan St. NE #215, Grand Rapids, MI 49503

P: 616.840.8682 F: 616.840.9763

PATIENT SELECTION GUIDELINES FOR GAIT ANALYSIS

- Well established, consistent gait pattern
- Age 4 or older developmentally
- Ability to repeatedly walk 20 feet without assistance
- Ability to follow simple instructions
- Ability to cooperate with 2 - 4 hour test
- Tolerant of handling and equipment

PATIENT INFORMATION

Name _____ Date of Birth _____

Parent/Guardian Name: (where applicable) _____

Address _____ City _____ State _____ ZIP _____

Phone _____ Alternate Phone _____

Gender Identity: ☐ Female ☐ Male ☐ Non-binary ☐ Transgender Female ☐ Transgender Male ☐ Other

DIAGNOSIS

☐ Cerebral palsy (GMFCS Level: ☐ I ☐ II ☐ III ☐ IV)

☐ Traumatic brain injury

☐ Stroke

☐ Spina bifida

☐ Other _____

Distribution:

☐ Hemiplegia (side____)

☐ Diplegia

☐ Triplegia (side____)

☐ Quadriplegia

EVALUATION TYPE

☐ **Full Study** (split screen video, physical therapy exam, kinematics, kinetics, plantar pressure, interpretation and recommendations)

Limited Study (Please check desired assessment(s)):

- ☐ Plantar pressure measurement
- ☐ Speed, cadence, step length measurement
- ☐ Ground reaction force (GRF) overlay on video
- ☐ Weight bearing assessment
- ☐ Shoe lift (leg length discrepancy) assessment
- ☐ Foot progression assessment
- ☐ Other _____

☐ EMG (Please list muscles requiring study and check side.)

_____ ☐ Bilat ☐ L ☐ R

_____ ☐ Bilat ☐ L ☐ R

_____ ☐ Bilat ☐ L ☐ R

_____ ☐ Bilat ☐ L ☐ R

_____ ☐ Bilat ☐ L ☐ R

_____ ☐ Bilat ☐ L ☐ R

NOTE: Rectus femoris and tibialis posterior fine wire insertion

GOAL OF EVALUATION (Please check all that apply.)

- ☐ Treatment planning
- ☐ Treatment outcome assessment (pre-treatment gait analysis required)
- ☐ Orthotic/prosthetic:
 - ☐ Assessment
 - ☐ In-study adjustment/tuning (requires adjustable componentry)

☐ Other:

☐ Specific clinical question(s):

PROVIDER INFORMATION

Follow-up date with referring physician:

Physician Name (print)

Signature

Phone

Fax

Date