

## BIOMECHANICAL ASSESSMENT REPORT

|   |            |           |  |            |           |
|---|------------|-----------|--|------------|-----------|
| <b>PATIENT NAME:</b>  |            |           | <b>DATE OF ASSESSMENT:</b>                   |            |           |
| <b>ASSESSMENT PROFESSIONAL (Name &amp; Designation):</b>                    |            |           |  |            |           |
| <b>PATIENT HISTORY:</b><br>(Medical condition, symptoms, chief complaints): |            |           |  |            |           |
| <b>BIOMECHANICAL &amp; GAIT ANALYSIS ASSESSMENT</b>                         |            |           |  |            |           |
| <b>FOOT (Type or Appearance)</b>  | <b>NWB</b> | <b>WB</b> | <b>ANKLE R.O.M.</b>                          | <b>NWB</b> | <b>WB</b> |
| High Arch   | L / R      | L / R     | Adequate                                     | L / R      | L/R       |
| Medium Arch   | L / R      | L / R     | Limited                                      | L / R      | L/R       |
| Low Arch  | L / R      | L / R     |  |            |           |
| <b>SUBTALAR JOINT ROM</b>   |            |           | <b>KNEE POSITION</b>                         |            |           |
| Hypermobile   |            | L / R     | Normal                                       |            | L / R     |
| Within Normal Limits  |            | L / R     | Genu Varum                                   |            | L / R     |
| Limited/Restricted  |            | L / R     | Genu Valgum                                  |            | L / R     |
|   |            |           | Tibial Varum                                 |            | L / R     |
| <b>MIDTARSAL JOINT ROM</b>  |            |           | <b>CALCANEAL POSITION NON-WEIGHT BEARING</b> |            |           |
| Hypermobile   |            | L / R     | Normal                                       |            | L / R     |
| Normal  |            | L / R     | Varus  |            | L / R     |
| Restricted  |            | L / R     | Valgus                                       |            | L / R     |
| <b>GAIT ANALYSIS</b>  |            |           | <b>KNEE ALIGNMENT:</b>                       |            |           |
| <b>MIDTARSAL FUNCTION AT MIDSTANCE</b>                                      |            |           | Rotational:                                  |            |           |
| Normal  |            | L / R     | Internal                                     |            | L/R       |
| Pronated  |            | L / R     | External                                     |            | L/R       |
| Supinated   |            | L / R     | Frontal:                                     |            |           |
|   |            |           | Genu Varum                                   |            | L/R       |
|   |            |           | Valgum                                       |            | L/R       |
|   |            |           | Recurvatum                                   |            | L/R       |
| <b>1<sup>st</sup> RAY Position</b>  |            |           | <b>LEG LENGTH DISCREPANCY</b>                |            |           |
| Plantarflexed   |            | L / R     | Short By L ____ mm/inches R ____ mm/inches   |            |           |
| Normal  |            | L / R     | Functional                                   |            |           |
| Extended  |            | L / R     | Structural                                   |            |           |
| <b>HALLUX Range Of Motion</b>   |            |           | <b>ANGLE OF GAIT</b>                         |            |           |
| Average   |            | L / R     | Within Normal Limits                         |            | L / R     |
| Limitus   |            | L / R     | Abducted                                     |            | L / R     |
| Rigidus   |            | L / R     | Adducted                                     |            | L / R     |
| Functional Hallux Limitus   |            | L / R     |  |            |           |
| <b>TOE POSITIONS</b>  |            |           | <b>CALCANEAL POSITION WEIGHT BEARING</b>     |            |           |
| Hallux Abducto Valgus   |            | L / R     | Normal                                       |            | L / R     |
| Claw/ Hammer Toe  |            | L / R     | Varus  |            | L / R     |
| Straight (within normal limits)   |            | L / R     | Valgus                                       |            | L / R     |
| ( 1 2 3 4 5 )   |            |           |  |            |           |
| <b>TREATMENT RECOMMENDATIONS:</b>   |            |           |  |            |           |