

Patient Evaluation and AFO Type Validation Using the Becker GEO™ Method with the Systematic Tuning Procedure for Triple Action™

1. With the Becker GEO™ donned, optimize the patient's gait kinematics using the Systematic tuning procedure for Triple Action®.
2. Record the final Triple Action plantarflexion resist and dorsiflexion resist booster range of motion settings.
3. Draw a vertical line at the plantarflexion ROM setting on the selection chart below.
4. Draw a horizontal line at the dorsiflexion ROM setting on the selection chart below.
5. Suitable AFO functional types will be completely enclosed in the rectangle formed by lines from steps 3 and 4 above. The optimal AFO functional type will be nearest to the inside bottom right corner of the rectangle.

The goal of this procedure is to minimize ankle restriction while maximizing therapeutic benefit to the patient.

Note: Triple Action AFOs are suitable for many patients, however use of the GEO orthosis may help with determining other orthotic design options.

KEY:
SA = Standard Action
RA = Resistant Articulation

