

Indications of Total Ankle Replacement for Ankle Arthritis: The Evaluation of Quality of Life and Radiographic Findings

Chayanin Anghong*

Well-aligned and stable hindfoot
Good soft tissues conditions
No neurovascular impairment of the lower extremity Bilateral ankle arthritis Previous fused subtalar or mid-foot joint

Radiographic evaluation

Clinical evaluation

Classification

The author's classification

Description of grade/stage

(1) No joint space narrowing but early sclerosis and osteophyte formation

(2M) Narrowing of the joint space at medial gutter

(2L) Narrowing of the joint space at lateral gutter

(3M) Obliteration of the joint space at medial gutter with subchondral bone contact with or without advancement to the roof of the medial talar dome

(3L) Obliteration of the joint space at lateral gutter with subchondral bone contact with or without advancement to the roof of the medial talar dome

(4) Obliteration of the whole joint space with complete bone contact

