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| **Table 1. Secondary features of hallux valgus** |
| **Foot**   * Subluxed or dislocated 2nd toe with 3rd and 4th toes involved in significant lateral deviation * Medial eminence soft tissue callus, corn, extravasated tissue damage * Medial nerve branch compression with or without formation of neuroma * Sesamoid pain and intra-articular degeneration * Ganglion formation over medial eminence * Plantar bursa formation * Morton’s neuroma ¾ or neuroma 2/3 * Hammer toes * Plantar callus with variable location * Widening foot with lateral pressure with or without tailor’s bunionnette * Nail dystrophies and medial sulcal pain, onychophosis * Joplin’s neuroma (distal phalanx) * Chilblains and tissue changes due increased pressure over prominences   **Proximal limb**   * Altered gait, trips or falls in unstable patients * Internal hip rotation * Knee pain * Hip pain * Lumbar-sacral pain   **Non specific**   * Depression * Effect on occupation * Footwear difficulties * At risk limbs from peripheral vascular disease or blood dyscrasias slow healing * Influence of immune suppressant drugs on soft tissues where deformity exists. |

Table 1 Parallel conditons associated with hallux valgus

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| **Grade** | **Description: Kellgren-Lawrence (X-rays)** |
| 1 | Mild osteophytic lipping, no sclerosis |
| 2 | Moderate osteophytic lipping |
| 3 | Multiple osteophytic lipping, some sclerosis and possible deformity of bone contour |
| 4 | Severe sclerosis and deformity of bone contour |

Table 2. Kellgren-Lawrence scale for radiographic interpretation of damage in hallux valgus

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| --- | --- |
| **Grade** | **International Cartilage Repair Society scale (1998) from Bock et al 2004** |
| 1 | Nearly normal: superficial lesions, soft indentation and/or fissures/cracks |
| 2 | Abnormal: lesions extend down to <50% depth of cartilage |
| 3 | Severely abnormal: cartilage defect extends >50% from surface |
| 4 | Severely abnormal: cartilage defect extends through the subchondral bone |

Table 3 International Cartilage repair society grading for erosive changes based on depth