

motion. The symptoms should be apparent without regard to exercise. In severe cases there is gaping of bones on the inner border of the foot, and rigid valgus position with loss of the power of inversion and adduction. Exercise with undeveloped or unbalanced musculature, producing chronic irritation, can be an aggravating factor. In the absence of trauma or other definite evidence of aggravation, service connection is not in order for pes cavus which is a typically congenital or juvenile disease.

§ 4.58 Arthritis due to strain.

With service incurred lower extremity amputation or shortening, a disabling arthritis, developing in the same extremity, or in both lower extremities, with indications of earlier, or more severe, arthritis in the injured extremity, including also arthritis of the lumbosacral joints and lumbar spine, if associated with the leg amputation or shortening, will be considered as service incurred, provided, however, that arthritis affecting joints not directly subject to strain as a result of the service incurred amputation will not be granted service connection. This will generally require separate evaluation of the arthritis in the joints directly subject to strain. Amputation, or injury to an upper extremity, is not considered as a causative factor with subsequently developing arthritis, except in joints subject to direct strain or actually injured.

§ 4.59 Painful motion.

With any form of arthritis, painful motion is an important factor of disability, the facial expression, wincing, etc., on pressure or manipulation, should be carefully noted and definitely related to affected joints. Muscle spasm will greatly assist the identification. Sciatic neuritis is not uncommonly caused by arthritis of the spine. The intent of the schedule is to recognize painful motion with joint or periarticular pathology as productive of disability. It is the intention to recognize actually painful, unstable, or malaligned joints, due to healed injury, as entitled to at least the minimum compensable rating for the joint. Crepitation either in the soft tissues

such as the tendons or ligaments, or crepitation within the joint structures should be noted carefully as points of contact which are diseased. Flexion elicits such manifestations. The joints involved should be tested for pain on both active and passive motion, in weight-bearing and nonweight-bearing and, if possible, with the range of the opposite undamaged joint.

§ 4.60 [Reserved]

§ 4.61 Examination.

With any form of arthritis (except traumatic arthritis) it is essential that the examination for rating purposes cover all major joints, with especial reference to Heberden's or Haygarth's nodes.

§ 4.62 Circulatory disturbances.

The circulatory disturbances, especially of the lower extremity following injury in the popliteal space, must not be overlooked, and require rating generally as phlebitis.

§ 4.63 Loss of use of hand or foot.

Loss of use of a hand or a foot, for the purpose of special monthly compensation, will be held to exist when no effective function remains other than that which would be equally well served by an amputation stump at the site of election below elbow or knee with use of a suitable prosthetic appliance. The determination will be made on the basis of the actual remaining function of the hand or foot, whether the acts of grasping, manipulation, etc., in the case of the hand, or of balance and propulsion, etc., in the case of the foot, could be accomplished equally well by an amputation stump with prosthesis.

(a) Extremely unfavorable complete ankylosis of the knee, or complete ankylosis of 2 major joints of an extremity, or shortening of the lower extremity of 3½ inches (8.9 cms.) or more, will be taken as loss of use of the hand or foot involved.

(b) Complete paralysis of the external popliteal nerve (common peroneal) and consequent, footdrop, accompanied