

# Musculi interossei pedis

Stored in the **spatia interossea metatarsi** (intermetatarsal spaces) and there are three plantar and four dorsal.

## Musculi interossei plantares

Template:Infobox - muscle

- I.-III. (numbered from the tibial side)

**Origin:** Tibial aspects of metatarsal bones III-V

**Insertion:** Tibial bases of proximal phalanges and extensor expansion of digits III-V

**Innervation:** n. plantaris lateralis (branch of nervus tibialis) (S<sub>1</sub>–S<sub>2</sub>).

**Action:** Toe flexion, toes adduction (**grips the fan of the toes**)

## Musculi interossei dorsales

Template:Infobox - muscle

- I.-IV. (numbered from the tibial side)

**Origin:** Opposing sides of metatarsal bones I-V

**Insertion:**

I: Tibial base of proximal phalanx of the second digit

II-IV: Fibular bases of proximal phalanges and extensor expansion of digits II-IV

**Innervation:** n. plantaris lateralis (branch of nervus tibialis) (S<sub>1</sub>–S<sub>2</sub>).

**Action:**

Metatarsophalangeal joints II-IV: toe flexion, toe abduction (**closing the fan of the toes**) - musculi lumbricales pedis synergists

Interphalangeal joints II-IV: toe extension

## Links

## Sources

- ČIHÁK, Radomír – GRIM, Miloš. *Anatomie*. 2., uprav. a dopl edition. Grada Publishing, 2002. 470 pp. vol. 1. ISBN 80-7169-970-5.

## References

[1]

1. ČIHÁK, Radomír. *Anatomie 1*. 2. edition. Grada, 2001. 497 pp. ISBN 80-7169-970-5.