

# Spatium Massetericomandibulare and Perimandibular Abscess

## Spatium Massetericomandibulare

- Also called submasseteric or masseteric space
- It is a potential space (under normal- healthy conditions it does not exist)

### Borders

- Inferior: Insertion of masseter muscle (masseteric tuberosity)
- Posterior: Parotid gland (parotid fascia)
- Lateral: Masseter muscle
- Medial: Ramus of mandible
- Anterior: continuous with buccal region

### Clinical Notes

- This space is involved when periapical abscess, usually from the lower wisdom teeth, continues and spreads in this location
- The abscess in spatium massetericomandibulare causes significant trismus (inability to open the mouth)

## Perimandibular Abscess

- Accumulation of pus laterally and medially from the mandibular body
- Usually infection originates from the mandibular molars
- Occurs in perimandibular spaces
- Perimandibular spaces:

1. Spatium peritonsilare
2. Spatium paratonsilare
3. Spatium pterygomandibulare
4. Spatium massetericomandibulare
5. Spatium sublingualis
6. Spatium submandibulare

## Links

### Related Articles

### Bibliography

NETTER, Frank. *Atlas of Human Anatomy*. 4th edition. 2006. ISBN 13 978-1-4160-3385-1.

### References