Detailed publication

**Natural and miscellaneous agents for the management of oral mucositis — part 1: vitamins, minerals, and nutritional supplements**

Citation


Glutamine (parenteral) — HSCT — prevention
- **Guideline: Recommendation against (LoE I)**
- **Guideline statement:** Taking into account the lack of effectiveness in most studies as well as the potential risk, the panel recommends against the use of glutamine (parenteral) for the prevention of OM in patients undergoing HSCT.

Glutamine (PO) — H&N cancer, RT-CT — prevention
- **Guideline: Suggestion (LoE II)**
- **Guideline statement:** The panel suggests glutamine (per os) for the prevention of OM in patients with H&N cancer receiving RT-CT. The suggestion is with caution due to the higher mortality rate seen in HSCT patients treated with parenteral glutamine.
Glutamine (PO) — HSCT—prevention
  - Guideline: No guideline possible (LoE III)
Glutamine (topical) — H&N cancer, RT—prevention
  - Guideline: No guideline possible (LoE III)
Glutamine (parenteral) — Hematologic malignancies, CT — prevention
  - Guideline: No guideline possible (LoE III)
Glutamine (PO) — Solid cancers, CT— prevention
  - Guideline: No guideline possible (LoE II)

Zinc (systemic) — H&N cancer — RT/RT-CT — prevention
  - Guideline: No guideline possible (LoE I)
Zinc (systemic) — HSCT — prevention
  - Guideline: No guideline possible (LoE II)
Zinc (systemic) — Hematologic and solid cancers — CT — prevention
  - Guideline: No guideline possible (LoE III)
Zinc (topical) — Hematologic patients — CT — prevention
  - Guideline: No guideline possible (LoE III)

Supersaturated calcium phosphate rinse — HSCT — prevention
  - Guideline: No guideline possible (LoE III)
Supersaturated calcium phosphate rinse — HSCT or CT — treatment
  - Guideline: No guideline possible (LoE III)
Supersaturated calcium phosphate rinse — RT-CT — prevention
  - Guideline: No guideline possible (LoE III)

Elemental diet (PO) — HSCT — prevention
  - Guideline: No guideline possible (LoE IV)
Elemental diet (PO) — Solid cancers — CT — prevention
  - Guideline: No guideline possible (LoE III)
Elemental diet (PO, swish and swallow) — H&N cancer — RT/RT-CT — prevention
  - Guideline: No guideline possible (LoE IV)

Vitamin E (PO, swish and swallow) — Hematologic patients — CT — treatment
  - Guideline: No guideline possible (LoE III)
Vitamin E (topical) — Solid cancer — CT — treatment
  - Guideline: No guideline possible (LoE III)
Vitamin E (topical) — Solid cancers — CT — prevention
  - Guideline: No guideline possible (LoE III)
Vitamin E (swish and swallow) — H&N cancer — RT — prevention
  - Guideline: No guideline possible (LoE II)

Selenium (PO) — HSCT — prevention
  - Guideline: No guideline possible (LoE III)
Folinic acid (PO/topical) — HSCT — prevention
  • Guideline: No guideline possible (LoE IV)

Calcitriol (PO) — HSCT — prevention
  • Guideline: No guideline possible (LoE III)

Abbreviations
  CT — Chemotherapy
  H&N — Head & neck
  HSCT — Hematopoietic stem cell transplantation
  LoE — Level of evidence
  OM — Oral mucositis
  PO — Per os
  RT — Radiotherapy
  RT-CT — Radiochemotherapy