

The role of vitamin K2 in bone metabolism

Bartłomiej Tomasz Rawski

ABSTRACT: The incidence of oral cancer has increased remarkably for these recent years. The cornerstone of treatment for oral cancer is wide resection of primary tumor, adequate neck dissection with or without adjuvant therapy. When performing radical resection of tumor, lip-splitting procedure, mandibulotomy or mandibulectomy (segmental or marginal) are commonly used. Literature showed a 10-39% risk of mandible complications in oral cancer surgery. The rate was even higher for those treated with adjuvant radiotherapy. Some strategies, like paramedian mandibulotomy, bi-cortical fixation of mandible, and avoiding to perform mandibulotomy and marginal mandibulectomy at the same time were suggested. Mandible complications, like non-union, or osteoradionecrosis will lead to delay of adjuvant therapy, poor quality of life and further medical expenditure and hospitalization. In order to reduce the mandible complications, we reviewed the literature and designed a comprehensive protocol since 2015 in our department. Patients

with segmental mandibulectomy were excluded. The protocol consisted of : (1) For advanced T3-4 tongue cancer, floor of mouth cancer, or lower gum cancer, visor flap with or without pull-through technique was applied; (2) For buccal cancer with tumor invasion within 1 cm of mouth angle, angle split approach was applied; (3) Bone exposure after wide resection of lower gum cancer or buccal cancer, soft tissue coverage with nasolabial flap was done; (4) Correct dental treatment. The main outcome was the rate of mandible complications after major surgery.

At last, 12 patients were included in this series. 6 (50%) patients with T3-4 disease. The mean age of this cohort was 57.5+-10, and all were male. 4 (33%) patients had visor flap and 3 (25%) patients with angular split approach, and 5 (42%) had nasolabial flap reconstruction. 7 (58%) patients with close margin and 5(42%) had clear margin. All patients had dental care according to guidelines.

Biography:-

I am graduated Medical Univeristy od Gdansk. 2019 in june I finished specialization in epidemiology. In my work I specializing in osteoporosis prevention and clinical densitometry.

REFERENCES

1. Green's function for second order elliptic equations with singular lower order coefficients
2. On scale invariant bounds for Green's function for second order elliptic equations with lower order coefficients and applications
3. Boundary value problems in Lipschitz domains for equations with lower order coefficients
4. Boundary value problems in Lipschitz domains for equations with drifts
5. Scale invariant regularity estimates for second order elliptic equations with lower order coefficients in optimal spaces

Citation: Bartłomiej Tomasz Rawski; 2nd Conference on Advances in Nursing Education and Research; Nursing Research 2021; July 23-24, 2021; Dubai, UAE.

Affiliation, Private Medical Practice Bartłomiej Rawski, Gdansk and Osteoporosis Medical Center, Gdansk



This open-access article is distributed under the terms of the Creative Commons Attribution Non-Commercial License (CC BY-NC) (<http://creativecommons.org/licenses/by-nc/4.0/>), which permits reuse, distribution and reproduction of the article, provided that the original work is properly cited and the reuse is restricted to noncommercial purposes. For commercial reuse, contact reprints@pulsus.com