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Photodynamic therapy and fluorescence localisation of experimental oral dysplasia and squamous cell carcinoma : A study with aluminium phthalocyanine disulphonate.

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STELLINGEN
BEHOREND BIJ HET PROEFSCHRIFT

PHOTODYNAMIC THERAPY AND FLUORESCENCE LOCALISATION OF
EXPERIMENTAL ORAL DYSPLASIA AND SQUAMOUS CELL CARCINOMA. A
STUDY WITH ALUMINIUM PHTHALOCYANINE DISULPHONATE

1. Fluorescence imaging of oral dysplasia or squamous cell carcinoma can provide detailed information during the diagnostic work-up and therefore its efficacy in clinical applications should be more investigated.
This thesis
2. Sufficient light delivery is of more importance for the success of PDT than a high aluminium phthalocyanine disulphonate (AlPcS₂) accumulation in oral dysplasia or squamous cell carcinoma.
This thesis
3. It is of vital importance that teeth are not irradiated during PDT with AlPcS₂.
This thesis
4. An equal concentration of AlPcS₂ in different tissues will not result in an equal or comparable amount of tissue damage by PDT.
This thesis
5. Autologous tumour models mimic the human situation more closely than transplanted tumour models and should therefore be preferred in cancer research.
6. The possibility of inducing osteoradionecrosis by PDT should be excluded by new investigations before applying PDT to previously therapeutically irradiated patients.

7. Life is a precancerous condition.
S.L. Thomsen
8. Deelnemen aan het verkeer in het gebied de Grote Markt/Waagstraat in Groningen vereist een avontuurlijk ingestelde geest.
9. De huidige ontwikkelingen in de techniek van het klonen geeft de vraag of je met jezelf overweg kunt een extra dimensie.
10. Kaal worden is erger dan kaal zijn.
11. Om het nut van dierproeven te bepalen zijn de statistieken van het U.S. General Accounting Office weinig behulpzaam. Een voorstander zal beweren dat 48 % van de medicijnen getest op dieren succesvol op de markt zijn gebracht terwijl een tegenstander zal volhouden dat 52 % van de met dierproeven geteste medicijnen bijwerkingen hebben die zich pas bij klinische toepassing openbaarden.
Barnard, S. Kaufman (1997), Sci. American, 276(2):64-66
12. De snelle ontwikkelingen van nieuwe opslagmedia van data voorzien niet in de mogelijkheid om na één of enkele decennia de data probleemloos terug te lezen.
13. Definitieve ruststand Ajax vak F - Feijenoord vak Z 0-1.

Groningen, 21 mei 1997

Max J.H. Witjes