

## **Appendix 14:**

### **Modified broders' tumour grading (Pindborg et al., 1997)**

GRADE 1: Well Differentiated: Histological and cytological features closely resembling those of the squamous epithelial of oral mucosa. There are varying proportions of basal and squamous cells with intercellular bridges; keratinization is a prominent feature; few mitotic figures are seen and atypical mitosis or multinucleated epithelial cells are extremely rare; nuclear and cellular pleomorphism is minimal.

GRADE 2: Moderately Differentiated: This is a neoplasm with features intermediate between well differentiated and poorly differentiated. Compared with well differentiated squamous cell carcinoma, these have less keratinization and more nuclear and cellular pleomorphism; there are more mitotic figures and some abnormal in form; intercellular bridges are less conspicuous.

GRADE 3: Poorly Differentiated: Histologically and cytologically there is only a slight resemblance to the normal stratified squamous epithelial of the oral mucosa. Keratinization is rarely present and intercellular bridges are extremely scarce; mitotic activity is frequent and atypical mitosis can readily be found; cellular and nuclear pleomorphism are obvious and multinucleated cells may be frequent.