Oral Histopathology

David E. Klingman, DMD

Diplomate, American Board of Oral and Maxillofacial Pathology

Diplomate, American Board of General Dentistry

Abbreviations

The use of abbreviations is frowned upon by many pathologists; their use leads to potential confusion, misdiagnosis and (as will be seen in this resource) there are many abbreviations which are so similar as to cause uncertainty. If the clinician desires to utilize abbreviations when communicating diagnoses, it is recommended to either explain the meaning of the abbreviation or establish a dialogue and agree on common acceptable abbreviations. Those listed here (used in this series) are accepted in the majority of the texts and literature; this list is not all inclusive:

ACC acinic cell (adeno)carcinoma
AdCCa adenoid cystic carcinoma
AF ameloblastic fibroma

AFB acid fast bacillus (a special stain used to highlight bacteria such as Mycobacterium)

AFD ameloblastic fibro-dentinoma
AFO ameloblastic fibro-odontoma
AOT adenomatoid odontogenic tumor

ARONJ antimetabolite related osteonecrosis of the jaw

BFOL benign fibro-osseous lesion

BMMP benign mucus membrane pemphigoid (cicatricial pemphigoid)

BMT benign mixed tumor (pleomorphic adenoma)
BRONJ bisphosphonate related osteonecrosis of the jaw

• c/w consistent with

• CEOT calcifying epithelial odontogenic tumor ("Pindborg tumor")

CGCG central giant cell granuloma

• CIS carcinoma in situ

CMV cytomegalovirus (human herpesvirus type 5)
COC calcifying odontogenic cyst ("Gorlin cyst")
EBV Epstein-Barr virus (human herpesvirus type 4)

EIC epidermal inclusion cyst (often synonymous with epidermoid cyst)

GCT granular cell tumor

GMS Grocott's methenamine silver (a special stain used to highlight fungal organisms)

• GOC glandular odontogenic cyst

• GP gutta percha

HHV human herpesvirus (8 variants known)
HIV human immunodeficiency virus

HOK hyperorthokeratosis (prominent granular layer, nuclei absent from the cornified layer)

• HPK hyperorthokeratosis (nuclei present in the cornified layer)

HPV human papillomavirus

HSV herpes simplex virus (human herpesvirus types 1 and 2)

• ITP idiopathic thrombocytopenic purpura

KA keratoacanthoma (considered to be a variant of squamous cell carcinoma)
KCOT keratocystic odontogenic tumor (same as 'odontogenic keratocyst')
KOT keratocystic odontogenic tumor (same as 'odontogenic keratocyst')

KSV Kaposi sarcoma virus (human herpesvirus type 8)

LEC lynphoepithelial cyst

• LP lichen planus

MEC mucoepidermoid carcinoma

MRONJ medication related osteonecrosis of the jaw

MSG minor salivary glandNPDC nasopalatine duct cyst

OKC odontogenic keratocyst (same as 'keratocystic odontogenic tumor')

ONJ osteonecrosis of the jaw

OOC orthokeratinizing odontogenic cyst (this is a distinct lesion from OKC/KCOT)

PA pleomorphic adenoma (benign mixed tumor)

Pap Papanicolaou (a stain often used to highlight epithelium on cytology preparations, such as "Pap smear")

PAS periodic acid Schiff (a stain used to highlight mucins and glycogen)

• PAS-F periodic acid Schiff for fungus (a PAS stain with a specific counterstain that highlights fungal organisms)

PEH pesudoepitheliomatous hyperplasia (a mimic of squamous cell carcinoma)

PEN palisaded encapsulated neuroma (considered equivalent to 'solitary circumscribed neuroma')

PG pyogenic granuloma

PGCG peripheral giant cell granuloma

PLGA polymorphous low grade adenocarcinoma

POdF peripheral odontogenic fibroma (may see this as 'POF' as well; 'POdf' used here to minimize confusion)

POF peripheral ossifying fibroma

PTAH phosphotungstic acid hematoxylin (a special stain used to highlight mitochondria)

PV pemphigus vulgaris

PVL proliferative verrucous leukoplakia

ROD regional odontodysplasia (radiographically present as 'ghost teeth')

s/o suggestive of

SCCA squamous cell carcinoma

SDC salivary duct cyst
SEB K seborrheic keratosis
SK seborrheic keratosis

SOT squamous odontogenic tumor

SSN solitary circumscribed neuroma (considered equivalent to 'palisaded encapsulated neuroma')

TBC traumatic bone cyst (simple bone cyst/idiopathic bone cavity/solitary bone cyst/hemorrhagic bone cyst)

TTP thrombotic thrombocytopenic purpura

TUGSE traumatic ulcerative granuloma with stromal eosinophilia

VC verrucous carcinoma

VV verruca vulgaris (so-called 'common wart')

• VX verruciform xanthoma

VZV varicella zoster virus (human herpesvirus type 3)

WHO World Health Organization