

(54) Title of the invention : AN ECO-FRIENDLY CYTOBRUSH FOR EXFOLIATIVE CYTOLOGY PROCEDURES

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(57) Abstract :  
 AN ECO-FRIENDLY CYTOBRUSH FOR EXFOLIATIVE CYTOLOGY PROCEDURES ABSTRACT An eco-friendly cytobrush (100) for exfoliative cytology procedures 5 is provided. The eco-friendly cytobrush (100) consists of a wooden handle (104) for enabling a user to grasp the eco-friendly cytobrush (100) and a plurality of bristles (102) at one end of the wooden handle (104). The plurality of bristles (102) are made from coconut coir. A method of using an eco-friendly cytobrush (100) for exfoliative cytology procedures is 10 provided. The method includes scraping (202) a surface of an oral mucosa using ecofriendly cytobrush (100). The method also includes obtaining (204) cells from a superficial to deeper layers of the oral epithelium and spreading (206) the material from brush on clean and dried microscopic slides. The method also includes fixing (208) the smears immediately with 95% isopropyl alcohol for staining with at least one of hema15 toxylin and eosin (H and E) staining, a modified papanicolaou staining, immune cytochemical staining or DNA cytometry. [Fig.1

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