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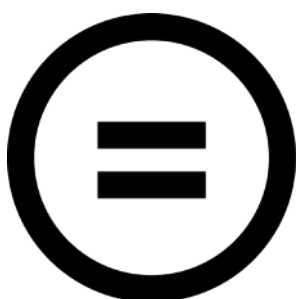
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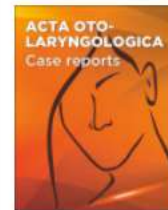
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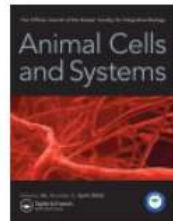
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Title
Analysis and exploration of microbial traits in a wet coffee fermentation experiment using MGnify

Authors
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Corresponding author: alejandro.reyes@urosario.edu.co

Key terms
Metagenomics, MGnify, Shotgun, Functional analysis, Taxonomic Analysis and
Fermentation

Overview
This CABANA e-Learning tutorial will guide you through the use of the MBF-BIS web server
MGnify to process and analyze multiple shotgun metagenomics datasets derived from a wet
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TECHNICAL REPORT

Analysis and exploration of microbial traits in a wet coffee fermentation experiment using MGnify

Angela Peña-González¹, ✉ Alejandro Reyes Muñoz¹

PUBLISHED 08 APR 2022 (<https://doi.org/10.7490/f1000research.1118938.1>)

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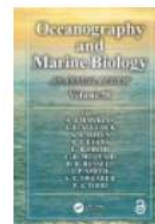
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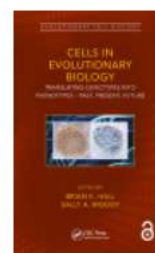
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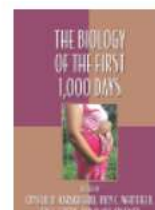
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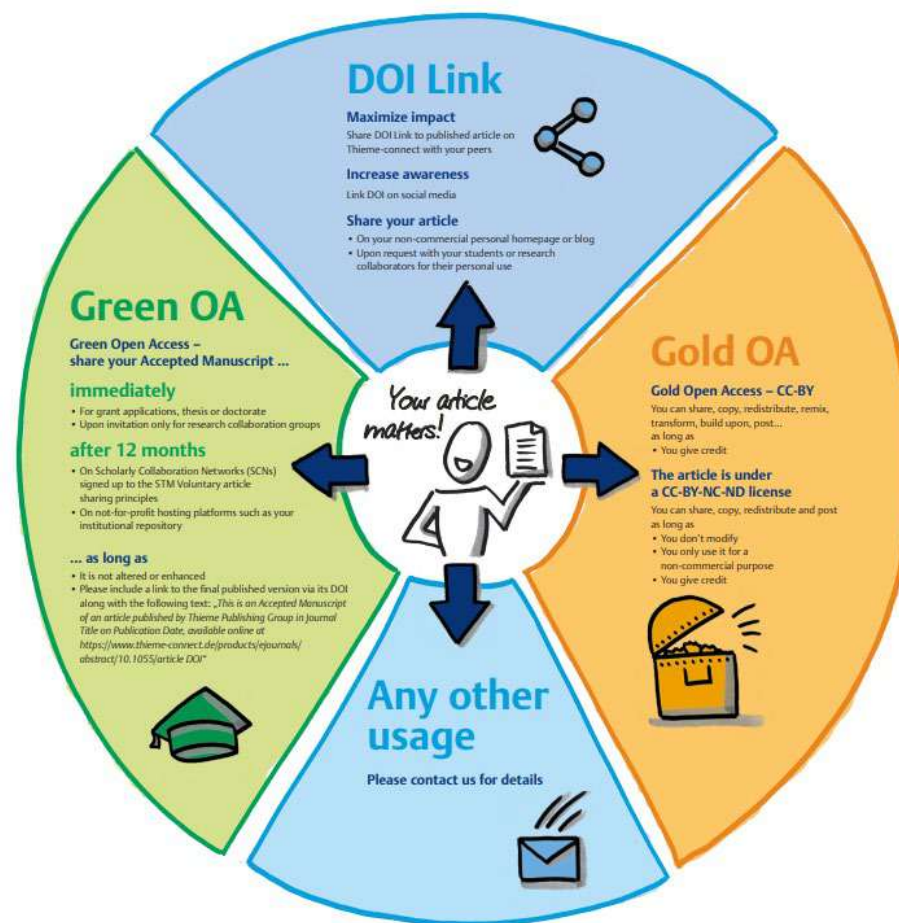
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Original Research

Prevalence of Oral Normal Variance in Healthy Elderly Patients: A Descriptive Study on Oral Pseudo Lesions

Fatma Yasmin Mahdani¹ Adiastuti Endah Parmadiati¹ Diah Savitri Ernawati¹
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Address for correspondence: Adiastuti Endah Parmadiati, DDS, MDS, Department of Oral Medicine, Faculty of Dental Medicine, Universitas Airlangga, Jl. Mayjen Prof. Dr. Moestopo No.47 Surabaya 60132, Indonesia (e-mail: adiastutie@gmail.com).

Int Arch Otorhinolaryngol

Abstract

Introduction The aging process in the elderly can change the condition of the oral cavity, regarding both clinical appearance and function. The oral mucosa becomes more susceptible to mechanical damage and irritant agents. Any changes in the oral mucosa, including normal variance, should be examined. This is especially true for the elderly, to improve oral health and prevent any abnormalities.**Objective** To describe the prevalence of oral normal variance in healthy elderly patients.**Methods** An observational descriptive study with a cross-sectional design with total sampling conducted from March to April 2020.**Results** Among the 117 elderly patients who participated in this study, 58 were described as healthy without any comorbidities. From those subjects, there were 117 cases of normal variance in the oral mucosa. The three most prevalent issues were fissured tongue (93.1%), coated tongue (58.62%), and crenated tongue (27.59%).**Conclusion** Fissured tongue is a normal variance of the oral mucosa that is commonly found in healthy elderly patients.

Keywords

- ▶ elderly
- ▶ fissured tongue
- ▶ human & health
- ▶ oral mucosa
- ▶ pseudo lesion



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BMJ Open Jan 2021, 11 (1) e043012; DOI: 10.1136/bmjopen-2020-043012

..., Southampton, UK 8University of Manchester, Cancer Biomarker Centre, Cancer Research UK Manchester Institute, Manchester, UK Correspondence to Dr Anna Freeman; a.freeman@qso.nhs.uk Received 21 July 2020 Revised 9 December 2020 Accepted 2 January 2021 AbstractIntroduction The **COVID-19** pandemic caused by SARS ...

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...of Michigan, Ann Arbor, Michigan, USA 4Center for Bioethics and Social Sciences in Medicine, University of Michigan, Ann Arbor, Michigan, USA Correspondence to Dr John P Ioannidis; jioannid@stanford.edu Received 27 April 2021 Accepted 13 October 2021 AbstractObjective To evaluate whether the **COVID-19** experts ...

Paul Bennett, S Noble, Stephen Johnston, David Jones, Rachael Hunter

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Abstract

Introduction The COVID-19 pandemic caused by SARS-CoV-2 places immense worldwide demand on healthcare services. Earlier identification of patients at risk of severe disease may allow intervention with experimental targeted treatments, mitigating the course of their disease and reducing critical care service demand.

Methods and analysis This prospective observational study of patients tested or treated for SARS-CoV-2, who are under the care of the tertiary University Hospital Southampton NHS Foundation Trust (UHSFT), captured data from admission to discharge; data collection commenced on 7 March 2020. Core demographic and clinical information, as well as results of disease-defining characteristics, was captured and recorded electronically from hospital clinical record systems at the point of testing. Manual data were collected and recorded by the clinical research team for assessments which are not part of the structured electronic healthcare record, for example, symptom onset date. Thereafter, participant records were continuously updated during hospital stay and their follow-up period. Participants aged >16 years were given the opportunity to provide consent for excess clinical sample storage with optional further biological sampling. These anonymised samples were linked to the clinical data in the Real-time Analytics for Clinical Trials platform and were stored within a biorepository at UHSFT.

Ethics and dissemination Ethical approval was obtained from the HRA Specific Review Board (REC 20/HRA/2986) for waiver of informed consent for the database-only cohort; the procedures conform with the Declaration of Helsinki. The study design,



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Protocol

BMJ Open Research Evaluation Alongside Clinical Treatment in COVID-19 (REACT COVID-19): an observational and biobanking study

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Strengths and limitations of this study

- Close alignment of research and clinical practice in a near real-time manner.
- Longitudinal data collection and sampling opportunities.
- A single-centre study with data collection reflective of clinical need rather than a strict protocolised time frame.
- Use of novel artificial intelligence techniques for data analysis.

by the WHO on 11 March 2020.¹ In the UK, 1 629 657 people have tested positive for SARS-CoV-2, of which 66 713 have died (<https://www.gov.uk/guidance/coronavirus-covid-19-information-for-the-public>; correct as of 17:00, 30 November 2020).² So far, emerging effective treatments such as remdesivir and dexamethasone have only modest effects on clinical outcomes in a subcohort of patients,^{3,4} and any vaccines have yet to demonstrate their

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