

# DENTAL AND ORAL HEALTH CONGRESS

May 13-14, 2019 Osaka, Japan



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### **The decayed missing and filled teeth of 12-year-olds in the indigenous Ngobe-Bugle population compared to the decayed missing and filled teeth of 12-year-olds in Panama**

The Ngobe-Bugle populations, who are indigenous to Panama, are the largest of the three indigenous groups. Historically, they have had limited contact with dental professionals and therefore, have received minimal oral health education. Over recent years, refined sugar and sugar-containing products have become much more easily accessible to these populations. There is very limited research on the oral health of the Ngobe-Bugle populations and therefore the Decayed Missing and Filled Teeth (DMFT) of the pediatric population is unknown. The purpose of this study is to calculate a DMFT rate for the pediatric patients in the Ngobe-Bugle population and compare it to the DMFT rate of children in Panama as a whole. Using standard WHO methodology, examinations for missing teeth and caries were completed by three dental professionals who calculated a DMFT rate. Data was collected retrospectively and patients from the age of 5-18 were included in the study. Unerupted teeth, congenitally missing teeth, supernumerary teeth and third molars were not included in the study. An average DMFT score was calculated for 12 year-olds and as an average for 5-18 year olds, and was compared to the DMFT rate of 12 year olds in Panama. The DMFT rate of 12-year-olds in the Ngobe-Bugle population was higher than the DMFT rate of 12-year-olds in Panama.

#### **Biography**

Hollie Hawrot graduated from the University of Sheffield Dental School in 2016. She was born and lives in the United Kingdom. She is a member of the Royal College of Surgeons of Edinburg after completing the MFDS in 2018. Hollie has completed her foundation training, post dental care training in Oral and Maxillofacial Surgery and most recently worked for Floating Doctors as a lead dental provider, which is a non-profit organization based in Panama.

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