

INTRODUCTION

The Dental Diagnostic System (DDS), formerly known as Ez-Codes, was developed by Dr. Elsbeth Kalenderian, a professor from the School of Dental Medicine at Harvard University, located in Boston, MA. The terminology was successfully implemented in the United States and gained recognition from other countries and institutions, such as the American Dental Association (ADA). The DDS includes more than four thousand terms in English, identified by a numeric code (Tokede et al., 2013). Universidad Iberoamericana (UNIBE) obtained from Harvard University the rights to translate the DDS into Spanish and adopt it in its Electronic Dental Record (EDR), as the Dental Diagnostic Terminology (DDT). UNIBE's EDR/DDT was designed and developed by a team of experts and implemented in the dental clinics of the dental school.

OBJECTIVE

To design, develop and Implement of an electronic dental record with dental diagnostic terminology, EDR/DDT-GICO

MATERIALS AND METHODS

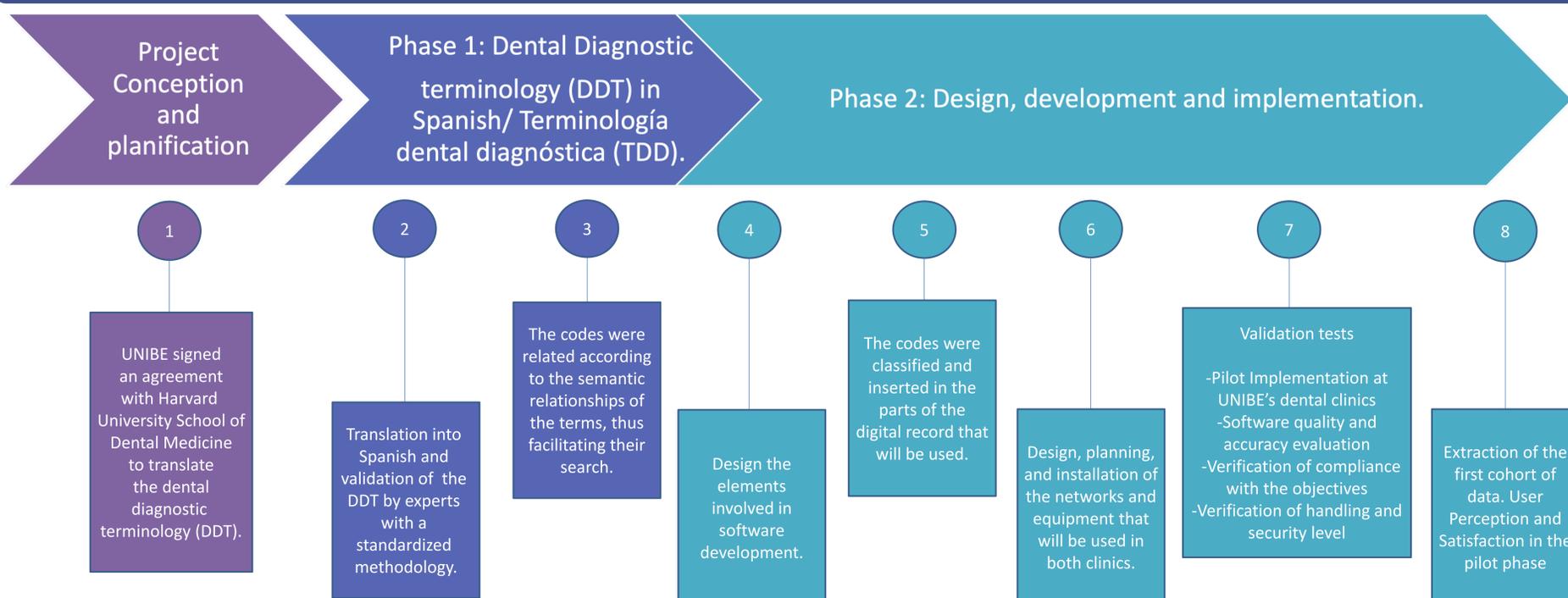


Figure 1. GICO software creation.

RESULTS

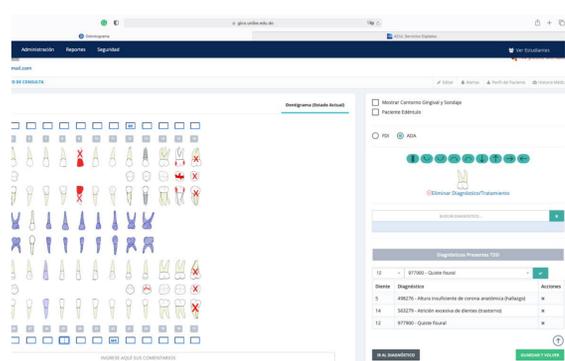


Figure 2. GICO odontogram with codes integrated .

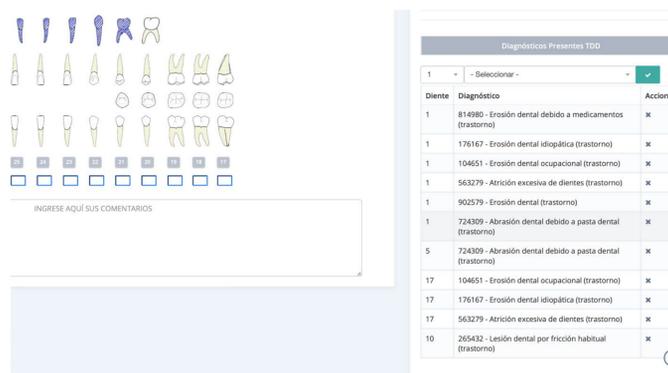


Figure 3. GICO odontogram with codes integrated .

CONCLUSION

The EDR/DDT was implemented in UNIBE, located in Santo Domingo Dominican Republic, as an innovation for the national public health system since no EHR in the area of dentistry has been implemented so far. The system includes on its first stage a module with tools to identify diagnoses and treatments that were designed and developed according to the best practices in information technology. The DDT was included as part of the system innovation based on the need to standardize the dental diagnostic terminology used in the Dominican Republic and other Spanish-speaking countries and make it official in the oral health systems.

REFERENCES

1. TOKEDE ,Oluwabunmi; WHITE ,Joel; STARK, Paul; VADERHOBLLI,Ram; ,WALJI Muhammad; B.RAMONI Rachel; SCHOONHEIM-KLEIN,Meta; KIMMES ,Nicole ; TAVARES ,Anamaria. ASSESSING THE USE OF A STANDARDIZED DENTALDIAGNOSTIC TERMINOLOGY. J Dent Educ. 2013 ,VOL.,77(1) ,P. 24–36.
2. TOKEDE,Oluwabunmi;WALJI,Muhammad;RAMONI,Rachel;WHITE,Joel;Schoonheim,Klein;KIMMES,Nicole;VADERHOBLLI,Ram;STARK,Paul;PATEL,Vimla.Tr eatment Planning in Dentistry Using an Electronic Health Record: Implications for Undergraduate Education. Eur J Dent. 2013. Vol.,17 (1). P.e34-e43.