



**UNIVERSITAS AIRLANGGA FACULTY OF DENTAL MEDICINE  
HEALTH RESEARCH ETHICAL CLEARANCE COMMISSION**

**ETHICAL CLEARANCE CERTIFICATE**

Number : 340/HRECC.FODM/XII/2018

Universitas Airlangga Faculty Of Dental Medicine Health Research Ethical Clearance Commission has studied the proposed research design carefully, and therefore, shall herewith certify that the research entitled :

**“Treatment Evaluation of Odontogenic Keratocyst by Using  
CBCT and Fractal Dimention Analysis on Panoramic  
Radiograph”**

Principal Researcher : **Dr. EHA RENWI ASTUTI, drg.,M.Kes.,SpRKG(K)**

Unit/Institution/Place of Research : - Dental Hospital, Universitas Airlangga

**CERTIFIED TO BE ETHICALLY CLEARED**



Surabaya, December 31<sup>th</sup>, 2018  
Chairman,

**Prof. Dr. M. Rubianto, drg.,MS.,Sp.Perio(K)**  
Official No.195009081978021001