

**DIAGNOSTIC STUDY OF FINE NEEDLE ASPIRATION BIOPSY (FNAB)
THYROID NODUL IN ANATOMICAL PATHOLOGY DEPARTEMENT
AT Dr. H. ABDUL MOELOEK HOSPITAL BANDAR LAMPUNG**

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ABSTRACT

Thyroid gland is the biggest endocrine gland in human body. In thyroid gland could be found nodule for about 4-8% and often in woman. In Indonesia, thyroid carcinoma was placed in 9th of 10th malignancy that often happened. Incident in child and young adult was about 1,5%. One of the pre operative examinations for diagnostic thyroid nodule was Fine Needle Aspiration Biopsy (FNAB) examination. This study was aimed to know the diagnostic examination of FNAB in thyroid nodule. The design of this study was cross sectional. The source of this study using secondary data, by reobservation to the specimen and collect the patient medical record of thyroid nodule from 31 August 2009 until 31 August 2014 at Abdul Moeloek Hospital Bandar Lampung. Sample of this study were 80 samples. The result of diagnostic FNAB examination were the sensitivity 94,44%; specificity 100%; Positive Predictive Value (PPV) 100%; Negative Predictive Value (NPV) 95,652%; Positive Probability Rate (PPR) unlimited; Negative Probability Rate (NPR) 0,06 and accuracy 97,5%.

Key words : *FNAB, histopathology, thyroid nodule.*