

## COVER LETTER

**Submission date: 21st August 2019**

**Address to the Chief of Editor:**

Sufi Desrini, MD, M.Sc

Editor in Chief

Jurnal Kedokteran dan Kesehatan Indonesia

Dear dr. Sufi Desrini,

We are pleased to submit our manuscript entitled: "Parathyroid Carcinoma with Multiple Pathological Bone Fracture", for consideration as a case report. This study report case of parathyroid carcinoma that misdiagnosis only as giant cell tumor of the bone for over 3 years. Parathyroid carcinoma is a rare case .We found that diagnosis of Parathyroid carcinoma continues to be a challenge. Understanding the pathogenesis and multidisciplinary collaboration are important to offers the best chance for accurate diagnosis and treatment.

We reported twice misleading diagnosis in this case, first clinician didn't expect about elevated in parathyroid hormone, only treat repeated pathological fracture and diagnoses as Giant cell Tumor of the bone. Second, clinician diagnoses as Colloid goiter after FNAB in the mass neck. Then Finally diagnosis of parathyroid carcinoma revealed after biopsy with frozen section. This case shown the difficulties to diagnosis parathyroid carcinoma.

This manuscript has not been previously published and is not under consideration in the same or substantially similar form in any other peer-reviewed media.

Sincerely,



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