Abstract IDDF2018-ABS-0089 Figure 2 (a) Colonoscopy and gasreoscopy images at different times; the gastric ulcer May 19, 2017; (b) Colonoscopy and gasreoscopy images at different times; stop taking NSAIDs after two months, the healed ulcer July 24, 2017

Conclusions These results were shown NSAIDs were the chief culprit of the ulcer. We should alert the intestinal mucosal injury of NSAIDs.

IDDF2018-ABS-0090 BILATERAL ADRENALECTOMY AND SEGMENT VI RESECTION OF LIVER IN A YOUNG MAN WITH VON HIPPEL-LINDAU DISEASE

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Background Bilateral pheochromocytomas can be seen in von Hippel-Lindau disease (VHL) and Multiple Endocrine Neoplasia (MEN) syndrome. Metastases occur in 10%–15% of all pheochromocytomas. Resection of the primary, metastasectomy and/or debulking are acceptable surgical options; despite liver being the second most common site of metastases, only a few reports of concomitant adrenalectomy and liver resection for pheochromocytoma are available.

Methods A 33-year-old man with a history of excision of hemangioblastoma of the cauda equina and retinal detachment presented with secondary hypertension and palpitations. Urinary catecholamine levels were raised, and CT scan revealed ~4.5 cm-sized, well-defined heterogeneously-enhancing lesions in bilateral adrenals with a 6.5 × 5 cm lesion in segment VI of the liver. MRI showed heterogeneous signal intensity in bilateral adrenals (predominantly hypointense on T1W and hyperintense on T2W) and also in segment VI of the liver with loss of fat planes. I¹³¹-MIBG scan with SPECT/SPECT-CT showed uptake of tracer in the area of the bilateral adrenal masses and liver. With a diagnosis of VHL disease with bilateral pheochromocytomas, recurrent/residual spinal hemangioblastoma, right simple renal cyst, retinal detachment and a metastatic/primary liver lesion, the patient was explored, and

bilateral adrenalectomy with segmentectomy VI was performed.

Results The resection was performed with curative intent; histopathological examination revealed malignant pheochromocytoma with infiltrates in the liver. Resection margins were negative and the patient is normotensive six months postoperatively. Though bilateral pheochromocytomas are well-known in many familial syndromes, this is probably the first case of VHL to have undergone bilateral adrenalectomy and curative liver resection for metastatic pheochromocytoma in the available English-language literature. Hepatectomy for neuroendocrine tumours especially pheochromocytoma can be technically easier due to the well-circumscribed nature of the lesion, and also rewarding as complete removal leads to sudden relief from symptoms of hormone excess. Due to favourable histopathology in our patient, we are hopeful for a good long-term survival.

Conclusions Familial bilateral pheochromocytomas have a high propensity for malignancy. Surgical resection should be attempted for metastatic pheochromocytoma whenever possible, i.e., with limited metastatic disease, good performance status, and in an equipped centre.

IDDF2018-ABS-0091 FOLK HERBAL MEDICINE FOR ORAL ULCER: A QUALITATIVE INTERVIEW WITH 20 THAI FOLK HEALERS

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Background Uncomplicated oral ulcer is common in both adult and children. In addition to symptomatic treatment using western medicine, many traditional herbal recipes for oral ulcer have been less recognised and should be preserved. This study aimed to explore existing folk medicine knowledge and herbal recipes.

Methods This qualitative study applied both semi-structured interviews with 20 purposively selected folk healers in Kalasin, Thailand and ethnobotany methodology. The interviews focused on oral ulcer diagnosis and treatment experience as well as essential details of the ingredients. The data were analysed using thematic content analysis and descriptive statistics.

Results Five herbal recipes and 17 herbs (28 species from 16 families) were identified from the interview. Nine species from family FABACEAE (LEGUMINOSAE) were the most commonly mentioned for their astringent and anti-inflammatory effects. Regarding the part used of medicinal plants, the survey indicated that the use of barks, from 10 species, were frequently found. With informant consensus factor, *Areca catechu* Linn. and *Sesbania grandiflora* (Desv.) Linn. were the most recognised by 12 and 11 folk healers, respectively.

Conclusions Herbal species from the family FABACEAE have been considered useful by Thai folk healers in Kalasin. Their astringent and anti-inflammatory properties should be further tested.