



Kulliyah of
MEDICINE
كلية الطب



INTERNATIONAL

VIRTUAL 2023

MEDICAL 
RESEARCH
SYMPOSIUM

**SPEARHEADING RESPONSIBLE
RESEARCH & INNOVATION TOWARDS
ACHIEVING SUSTAINABILITY**

7TH & 8TH DECEMBER 2023

ABSTRACT BOOK

International Virtual 2023 Medical Research Symposium

*'Spearheading Responsible
Research & Innovation towards
Achieving Sustainability'*

7th-8th December 2023

Organised by:

Kuliyah of Medicine
International Islamic University Malaysia

PC026	Analysis of diagnosis and treatment interval of breast cancer patients attending Sultan Ahmad Shah Medical Centre @IIUM	92
PC027	A case of papillary thyroid carcinoma with tracheal invasion: A Malaysian experience and literature review	93
PC028	Combination of nkx2.2 and cd99 immunohistochemical markers as alternative testing for the diagnosis of renal ewing sarcoma	94
PC029	Bleeding gastric neuroendocrine tumor: a challenging dilemma in clinical management	95
PC030	Case report: A rare complication of chylous ascites post left partial nephrectomy. The fourth	96
PC031	Aggressive renal cell carcinoma in a young adult. A case report	97
PC032	Prevalence and clinical characteristic of wound care unit patients in hospital tuanku fauziah, perlis a northernmost government hospital of Malaysia: A retrospective analysis	98
PC033	2 case series – CT guided ommaya reservoir insertion for recurrent craniopharyngioma	99
PC034	Chyle leak following neck dissection: Lesson learned	100
PC035	Case report of caesarean related scar endometriosis and literature review	101
PC036	Evaluating paediatric quality of life after supracondylar humerus fractures	102
PC037	Quality of life evaluation in survivors following tumour-related hemipelvectomy: A cross-sectional study	103
PC038	Incidence of pseudophakic cystoid macular oedema post cataract surgery in Sultan Ahmad Shah Medical Centre @ IIUM – 3 years review	104
PC039	A malicious klebsiella endogenous endophthalmitis	105
PC040	Outcome of treated macular hole in Sultan Ahmad Shah Medical Centre @ IIUM – a 3 years review	106
PC041	Devastating ocular impact in toxic epidermal necrolysis	107
PC042	Ocular hornet injury: A case report on corneal microperforation and endophthalmitis	108
PC043	The monthly eyelid affair: A young women’s battle with hormone-triggered posterior blepharitis	109
PC044	Misdiagnosis unveiled: Pathological myopia masquerading as glaucoma suspect	110
PC045	Bilateral poor visual recovery one year after uncomplicated cataract surgeries: Prolonged irvine gass syndrome	111
PC046	Iris tissue clogged in the lumen of preserflo microshunt implant: What to do?	112
PC047	A rare presentation of an ocular ischemic syndrome complicated by neovascular glaucoma in a patient with mild carotid artery stenosis	113
PC048	Optic nerve schwannoma: a rare differential of optic nerve mass that should not be forgotten	114
PC049	Pediatric traumatic optic neuropathy: Diagnostic ambiguities in the presence of normal imaging	115
PC050	A rare case of sars cov-2 messenger rna vaccination-associated anterior uveitis	116
PC051	A child with near missed intraorbital marble ball after an awkward fall	117
PC052	The eye in marfan syndrome	118
PC053	Dangerous crepitus – a case of iatrogenic laryngeal injury in a patient with difficult airway	119
PC054	Handgrip strength as a predictor of successful extubation	120
PC055	Anaesthetic management for tracheal stenting in patient with critical tracheal stenosis: A case report	121

PC034

Chyle Leak Following Neck Dissection: Lesson Learned

MOHD NUR AFIQ MY¹, NOOR TILAWATU K², NOOR EZMAS M³

¹Department of Surgery, Hospital Tengku Ampuan Afzan, Kuantan, Pahang, Malaysia

²Department of Surgery, Hospital Sultanah Nur Zahirah, Kuala Terengganu, Terengganu, Malaysia

³Department of Surgery, Kulliyah of Medicine, International Islamic University Malaysia

Introduction: Chyle leak is a rare and serious complication that may occur following head and neck surgery. Although the reported incidence is less than 2.5%, it may cause significant local and systemic problems such as poor wound healing, fistula formation, progression into chylothorax, secondary bacterial infection, hypovolemia and electrolyte disturbances. **Case Report:** We reported two cases of chyle leak following total thyroidectomy and neck dissection, both done for papillary thyroid carcinoma. First patient developed chyle leak and subsequent chylothorax, diagnosed during early postoperative period after we noted milky drainage from her left neck drain. Chest radiograph confirmed the diagnosis and she was treated conservatively with peripheral nutrition support, Medium-Chain Triglyceride oil as well as subcutaneous octreotide. Second patient however had a delayed presentation with neck collection noted during clinic follow up 2 weeks post-surgery. As such, in addition to the above measures employed for first patient, she required percutaneous drainage to drain the collection. Both patients successfully recovered well and does not require any additional surgery. **Conclusion:** Chyle leak and its sequelae of problems can be a challenging postoperative complication to deal with and prevention of the complication is therefore paramount. If such complication however still occur, prompt recognition of its occurrence and institution of correct management is vital in order to prevent further morbidity. This may be achieved by having high index of suspicion and sound understanding of the anatomy, physiology and pathophysiology of the condition.

Keywords: Chyle leak; lateral neck dissection; papillary thyroid carcinoma