

IUM RESEARCH DAY 2021

An International Online Event for Life Sciences



“TOWARDS
SUSTAINABLE
RESEARCH

EXCELLENCE

ADJUSTING TO
THE NEW
NORM”

ORGANISED BY:

RESEARCH MANAGEMENT CENTRE (RMC)
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA, KUANTAN

24th November 2021
Zoom platform



United Nations
Educational, Scientific and
Cultural Organization



UNESCO Chair on Future Studies:
- Anticipation for Sustainability and
Well-Being



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
وниверситет исламского университета Малайзия
Garden of Knowledge and Virtue



AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY



IRD 2021 PROGRAM AND ABSTRACT BOOKS

CONTENTS

- 03 WELCOMING REMARKS
- 04 ORGANIZING COMMITTEE
- 08 LIST OF EXTERNAL JUDGES
- 09 LIST OF INTERNAL JUDGES
- 10 PROGRAM TIMELINE
- 11 ITINERARY FOR CLOSING CEREMONY
- 12 LIST OF PRESENTATIONS

IIUM Research Day 2021 :
Towards Sustainable Research
Excellence Adjusting to the New Norm

24th November 2021
Zoom platform



183 | CASE REPORT: A RARE INITIAL PRESENTATION OF GASTROINTESTINAL SYMPTOMS IN SYSTEMIC LUPUS ERYTHEMATOSUS.

Dr. Azwanis Abdul Hadi ¹, Dr. Nurul Akmal Abd Latip², Dr. Mohd Nizamuddin Ismail³

¹ International Islamic University Malaysia, Malaysia.

² International Islamic University Malaysia, Malaysia.

³ International Islamic University Malaysia, Malaysia.

184 | MADELUNG'S DISEASE: A CASE REPORT IN AN ASIAN PATIENT.

Dr Azwanis binti Abdul Hadi¹, Dr Nur Fiza Izrin binti Mohd. Sa'im²

¹International Islamic University Malaysia, Malaysia

²International Islamic University Malaysia, Malaysia

185 | PERCEPTION TOWARDS PERIODONTAL THERAPY DUE TO COVID-19 PANDEMIC AMONG PATIENTS ATTENDED IIUM PERIODONTAL CLINIC.

Juzaily Husain¹, Wan Nor Hayati Wan Abd Manan², Farah Natashah Mohd³, Syahirah Aisyah Kamaruzaman⁴, Syarifah Nur Sabrena Syed Abdul Raffar⁴

¹Lecturer, Periodontics Unit, Kulliyah of Dentistry, IIUM

²Lecturer, Prosthodontics Unit, Kulliyah of Dentistry, IIUM

³Lecturer, Special Care Dentistry Unit, Kulliyah of Dentistry, IIUM

⁴Students, Kulliyah of Dentistry, IIUM

186 | PREVALENCE OF BACTERIA ISOLATED FROM THE LIFT BUTTONS OF TWO HOSPITALS IN KUANTAN, PAHANG.

Izzati Muhammad¹, Raja Noor Zaliha Raja Abd Rahman³, Niza Samsuddin¹, Norhidayah Kamarudin², Norsyuhada Alias¹

¹Department of Biomedical Science, Kulliyah of Allied Health Sciences, International Islamic University Malaysia (IIUM), Malaysia

²Department of Pathology and Laboratory Medicines, Kulliyah of Medicine, IIUM, Malaysia

³Department of Microbiology, Faculty of Biotechnology and Biomolecular Sciences, Universiti Putra Malaysia, Malaysia

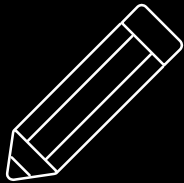
187 | DISTRIBUTION OF CASES ENCOUNTERED IN ORAL MEDICINE UNDERGRADUATE CLINIC: A RETROSPECTIVE ANALYSIS.

Ibrahim, N. R.¹, Mohd, F. N.¹ and Mohd Ali, M.N.H², Khalil. N.³, Sahar, N. H.³

¹Department of Oral Maxillofacial Surgery & Oral Diagnosis, Kulliyah of Dentistry, IIUM Kuantan Campus

²Department of Restorative Dentistry, Kulliyah of Dentistry, IIUM Kuantan Campus,

³Kulliyah of Dentistry, IIUM Kuantan Campus



A Rare Initial Presentation: Gastrointestinal Symptoms In Systemic Lupus Erythematosus and Its Differential Diagnosis

Presented by:
Dr. Nurul Akmal Abd Latip
Master Medical Officer,
Department of Family Medicine,
International Islamic University Malaysia.





**Asst. Prof Dr. Azwanis
Abdul Hadi**
**Department of Family
Medicine, IIUM.**

Dr. Nurul Akmal Abd Latip
**Department of Family
Medicine, IIUM.**



**Asst. Prof. Dr. Mohd
Nizamuddin Ismail**
**Department of
Anaesthesiology, IIUM.**



Authors



Introduction



- ❑ Diarrhoea and vomiting → acute gastroenteritis
- ❑ Typical presentations of SLE: **skin manifestation** and **joint pain**.
- ❑ Gastrointestinal (GI) symptoms are **rare** presentation of SLE at the **onset of diagnosis**.



Case Report





//

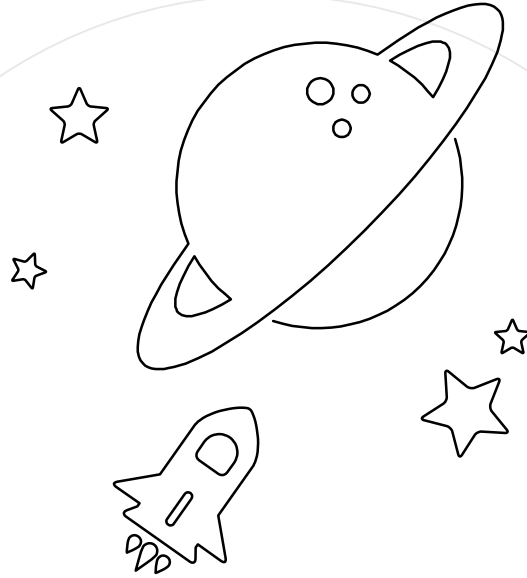
**13-year-old girl who
was diagnosed with
SLE after she presented
with symptoms similar
to **acute**
gastroenteritis.**



☐ **She presented with:**

- *diarrhoea**
- *vomiting**
- *mild colicky abdominal pain**
- *bilateral ankle oedema**

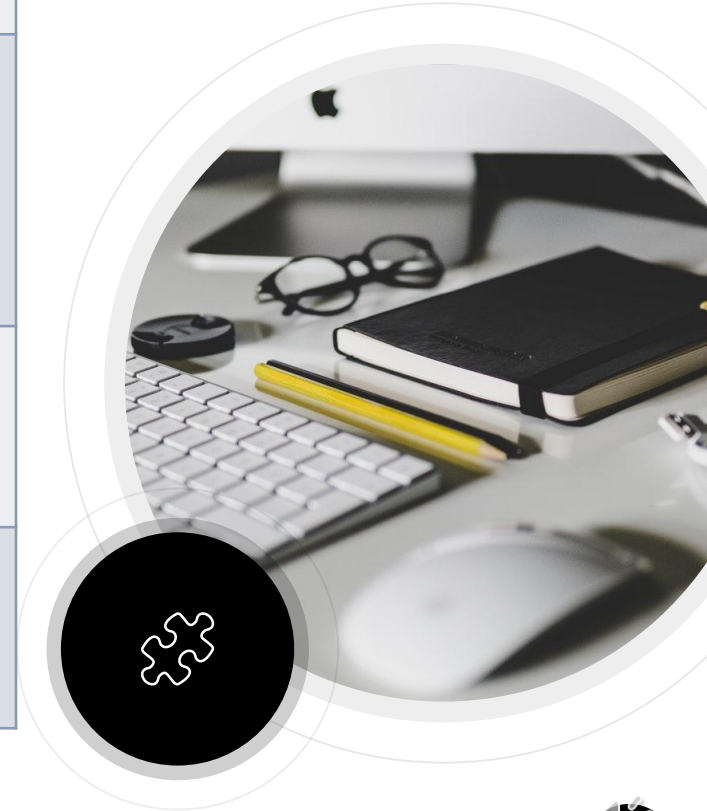




**She returned after one
week with worsening
symptoms.**



Investigations	Results
Full Blood Count	White blood cell: $4.0 \times 10^9/\text{L}$, Hemoglobin: 8.8 g/dl
Renal profile	Urea 15.5 mmol/L, Creatinine 182 $\mu\text{mol/L}$
Urinalysis	Proteinuria 2+, Haematuria 3+



Further Investigations...

**Antinuclear
Antibody**

Positive

Complements

- C3: 0.2 g/L
- C4: 0.3 g/L

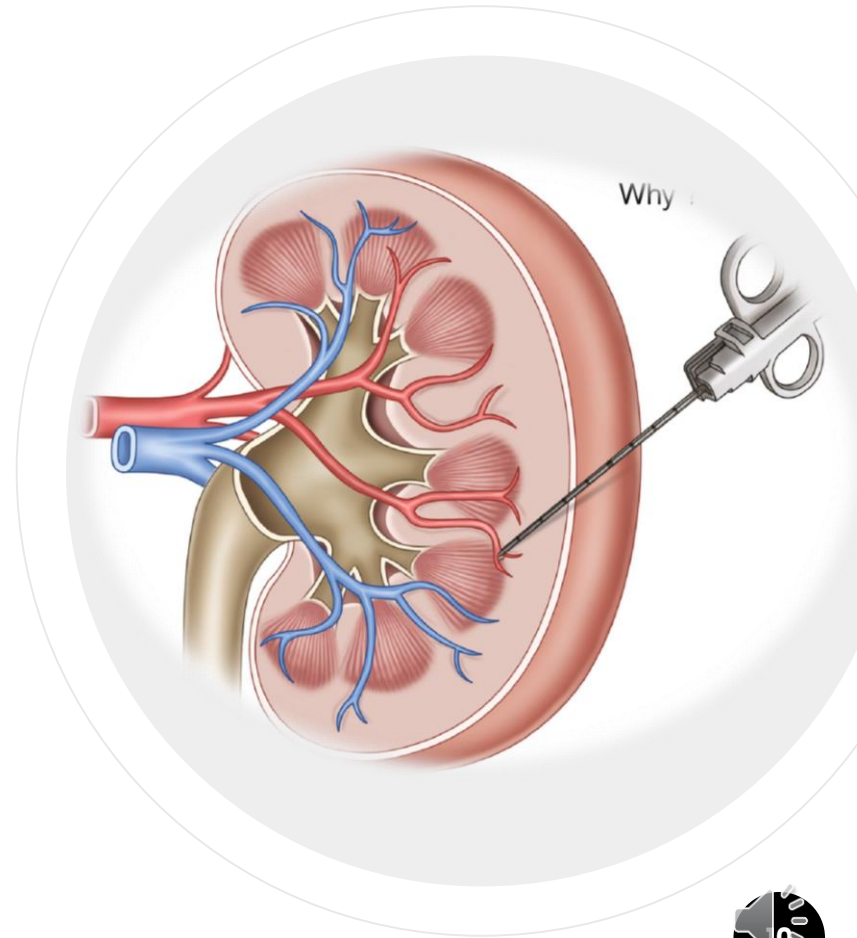
**Coomb's
Test**

Positive



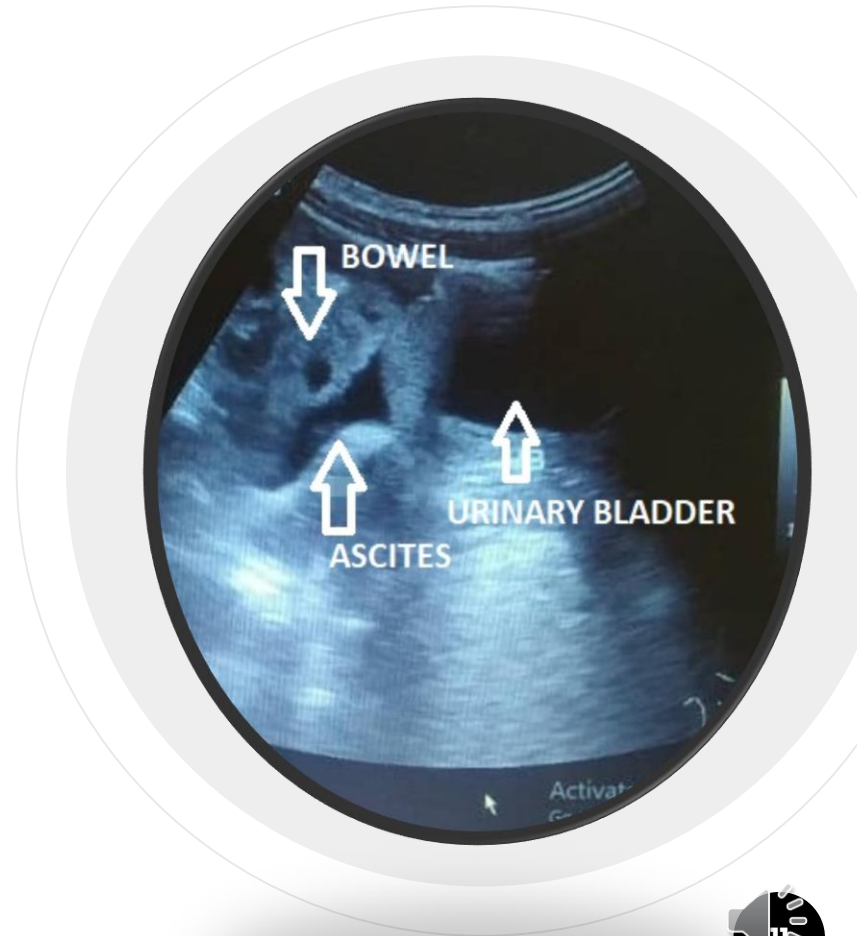
Renal Biopsy

**diffuse global
proliferative with 50%
cellular crescents
(crescentic lupus
nephritis) ISN/RPS class
4** with moderate chronic
tubulointerstitial damage
and mild acute
interstitial nephritis
activity index 12/24,
chronicity index 6/12



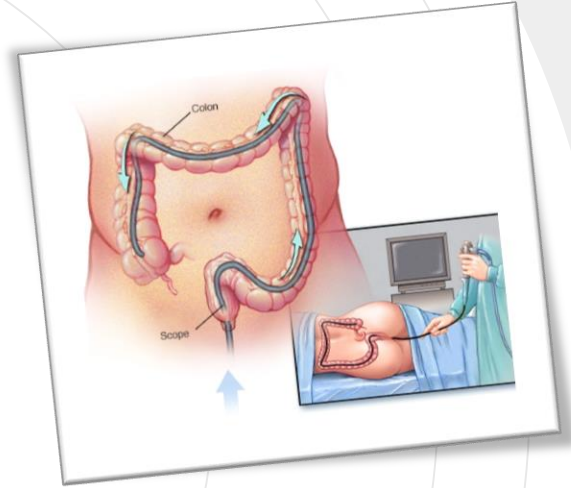
Ultrasound Abdomen

minimal ascites,
bilateral renal
parenchymal
disease and fluid
filled bowel loops
due to diarrhoea.



Planned for colonoscopy

But due to the unavailability of
paediatric endoscopy, colonoscopy
was postponed.



Her symptoms
markedly **improved**
with intravenous
Cyclophosphamide
which supported the
diagnosis of GI SLE.



A circular frame containing a photograph of a desk. On the desk, there is a potted plant in a white pot with a lace-like top, a large black letter 'A', and a wooden block with the letter 'S'. The background shows a window with light coming through. The word "Conclusion ?" is written in white text at the bottom of the circle.

Conclusion ?



Full examination



To elicit other signs which
does not fit with typical
viral gastroenteritis



Safety netting and follow-up


To detect worsening
symptoms earlier

1

To initiate further
investigations

2





**// SLE can present with
gastroenteritis symptoms**

**Differential diagnosis that
should be considered**





Acknowledgement

Gratitude to

the patient and her family
members



References

- Wallace, D. J., & Gladman, D. D. Clinical manifestations and diagnosis of systemic lupus erythematosus. UpToDate. 2021[cited 2021 August 28]. Available from: https://www.uptodate.com/contents/clinical-manifestations-and-diagnosis-of-systemic-lupus-erythematosus-in-adults?search=overview-of-the-clinical-manifestations-of-systemic-lupus-erythematosus-in-adults&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1#H429783504
- Tian, X. P., & Zhang, X. Gastrointestinal involvement in systemic lupus erythematosus: Insight into pathogenesis, diagnosis and treatment. World J Gastroenterol. 2010; 16(24), p. 2971–2977.



References

□ Liu, Z., Guo, M., Cai, Y., Zhao, Y., Zeng, F., & Liu, Y. A nomogram to predict the risk of lupus enteritis in systemic lupus erythematosus patients with gastrointestinal involvement. *EClinicalMedicine*. 2021;36, p.1-7.

□ Frittoli, R. B., Vivaldo, J. F., Costallat, L. T. L., & Appenzeller, S. Gastrointestinal involvement in systemic lupus erythematosus: A systematic review. *J Transl Autoimmun*. 2021; 4, p.1-9.

□ Astrid G.D, Jean - Baptiste W, Stephane D. et al. Mycophenolic acid area under the concentration-time curve is associated with therapeutic response in childhood-onset lupus nephritis. *Pediatr Nephrol*. 2021; 36,p. 341-347





Thank you



Certificate of Excellence

This
BRONZE MEDAL AWARD

is presented to

AZWANIS ABDUL HADI

with the research title

**CASE REPORT: A RARE INITIAL PRESENTATION OF
GASTROINTESTINAL SYMPTOMS IN SYSTEMIC LUPUS
ERYTHEMATOSUS**

in conjunction with

IIUM RESEARCH DAY 2021
24th November 2021

Organized by:
Research Management Centre
International Islamic University Malaysia

Bronze Medal Award



A handwritten signature in black ink.

Prof. Dr. Nazri Mohd. Yusof
Chairman
IIUM Research Day 2021