

Graduate Research Academy  
*Do More With Less by Utilizing AI*

Graduate Research Academy and Lingua Institute proudly present

# WRITING CAMP #3

— Penulisan Artikel Ilmiah pada Jurnal Terindeks SCOPUS dengan Bantuan AI —

2, 7 dan 10 Agustus 2024  
19.00 - 21.00  
LIVE ON ZOOM

**Materi Utama**

- ChatGPT dan Prompt Engineering untuk Penulisan
- Struktur, Logika, dan EDA Penulisan Artikel Ilmiah
- Menulis Ekstif dengan GPT Custom GPT
- Final Editing dan Persiapan Publikasi

**Fasilitas dan Manfaat**

- Sertifikat I2 JP
- Materi writing camp
- Rekamian writing camp
- Review artikel oleh mentor
- Konsultasi dengan mentor
- Sharing Akun ChatGPT Iblisan
- Tergabung menjadi member GRA Scholar Community

**3 Pertemuan**  
**IDR 300k**

**Pendaftaran**  
<https://bit.ly/GRAWritingCamp3>

**Pemateri**

**Dr. Muhammad Roil Bilad**

- Penulis 300 artikel SCOPUS
- H-Index SCOPUS 45
- Pembimbing lebih dari 25 mahasiswa S2/S3
- Pengujian disertasi doktorat Internasional

gra.itpam GRA-Crash Course gra.itpam.com

## Materi

Sesi 1: Prompting Akademik, Editing Naskah

Sesi 2: Persiapan dan Menulis Naskah

Sesi 3: Menulis Proposal, Menulis Literatur Review, Book Chapter, Pengeditan Akhir, Persiapan Publikasi, Ekosistem Publikasi

### Materi Sesi #1

1. Intro – Gurita AI - Pengenalan ChatGPT
2. Recap – Menulis metode tradisional
3. Perekayasa Prompt untuk Akademik (Demo editing) – Custom GPT
4. Menulis dengan Custom GPT: Manuscript Editing

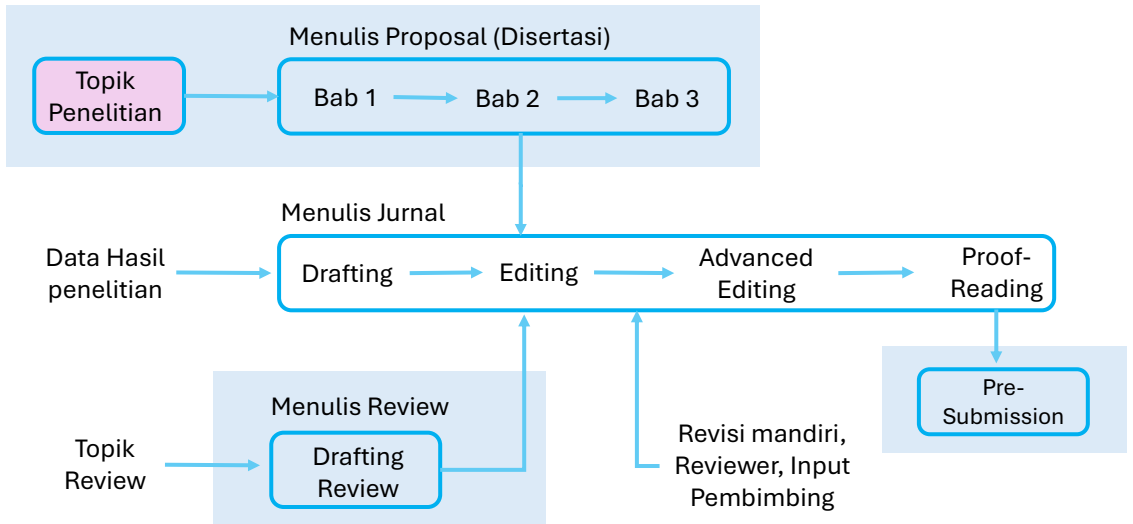
### Materi Sesi #2

1. Editing
2. Pre-writing + Data analisis dan Visualisasi
3. Drafting manuscript from pre-writing data
4. Proof-Reading

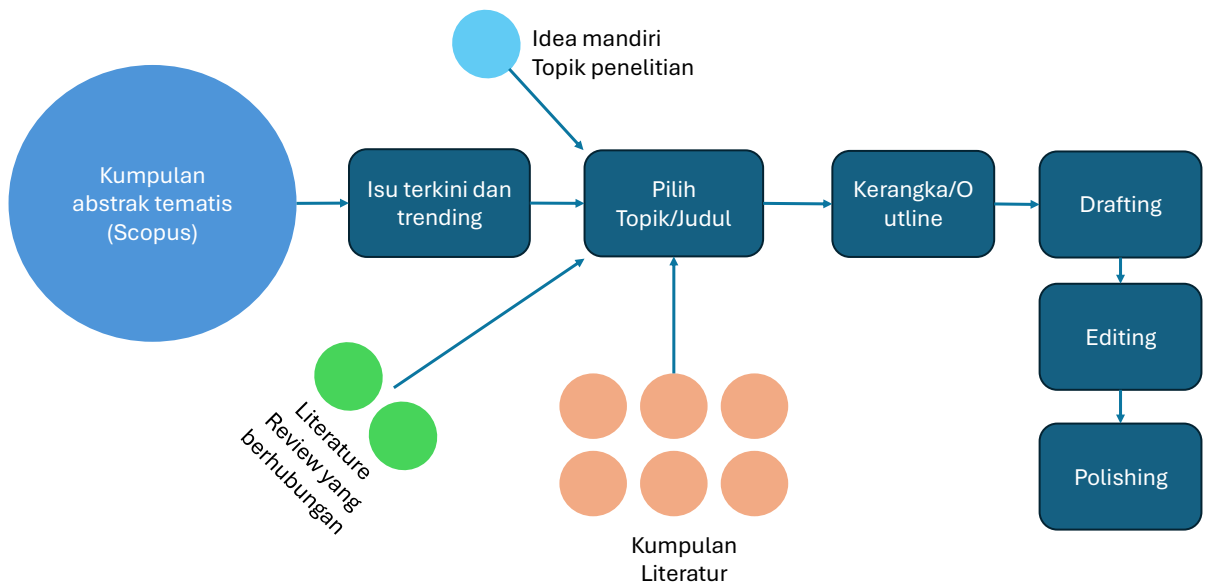
### Materi Sesi #3

1. Menulis Proposal (Penelitian, Disertasi)
2. Pre-submission preparation
3. Best practices of effective journal submission
4. Ekosistem Riset

## Portfolio GRA: Custom GPT



## Custom – Literature Review



**Prompt 1:**

Read carefully the **attached document**. Provide a concise summary on a list of emerging research topics based on the provided information

**Attached document:**

Kumpulan abstract jurnal diambil dari data base (Scopus, pubmed, review paper, ...

**Komentar:** disini kita memberikan kesempatan kepada GPT untuk belajar mengenai topik yang akan kita review.

Selain menggunakan Kumpulan abstrak dapat juga menggunakan artikel review yang kita anggap paling penting dan paling sesuai dengan topik yang kita akan tulis

**Prompt 2:**

Generate an outline for a review article based on the most interesting topic suggested earlier. The review will be **10,000 words** divided into **eight Sections**, each Section consists of 3-4 sub-sections. The first Section is the introduction and the final Section is Concluding remarks. For each subsection list briefly the content.

**Attached document:** Sama dengan di atas

**Komentar:**

Tahap ini merupakan tahap terpenting. Selain menggunakan topik yang direkomendasikan GPT, kita juga bisa menggunakan topik yang telah dibuat sendiri. Disini kita bisa mengarahkan GPT untuk membuat sub-section (sub-bab) menurut pokok pikiran yang kita miliki.

**Prompt 3:**

Write Sub-Section 1.1. (**Judul sub-bab**) in 1000 words. Avoid generating sub-sub section in your response. Ensure the integrity of the idea by referring to the outline and attached documents. Use additional information below as the basis for your answer. Use EACH provided citation in the additional information in your response. Maintain the citation integrity. When provided, follow the narration in the flow of your response.

Narration:

Additional information:

.....  
.....  
.....  
.....  
.....  
.....

**Attached document:** sama dengan sebelumnya

**Komentar:**

- o Mulai menulis secara bertahap sub-bab demi sub-bab.
- o Silahkan tambahkan narasi sesuai alur diskusi yang diinginkan, atau kesimpulan akhir.
- o Semakin detail narasi yang diinput, semakin otentik response yang dihasilkan.

**Additional Information:**

- o Gunakan penjelasan kandungan sub-bab Prompt 2 sebagai kata kunci pencarian content (Scopus AI, Scite.AI, SciSpace, Elicit, Consensus)
- o Input konten yang cukup banyak sehingga memungkinkan diskusi komprehensif.

**Prompt 4:**

Write the **Concluding remarks** in **1000 words** from all of your previous discussion. Ensure the integrity of the idea by referring to the outline and attached documents. Maintain the citation integrity. When provided, follow the narration in the flow of your response.

(Optional) Previous Sections:

.....  
.....

..... (Paste dari awal sampai akhir)

**Prompt 5:**

Write the Abstract in **300-400 words**. Ensure the integrity of the idea by referring to the outline and attached documents. When provided, follow the narration in the flow of your response.

Naration:

(Optional) Previous Sections:

..... (Paste dari awal sampai akhir)

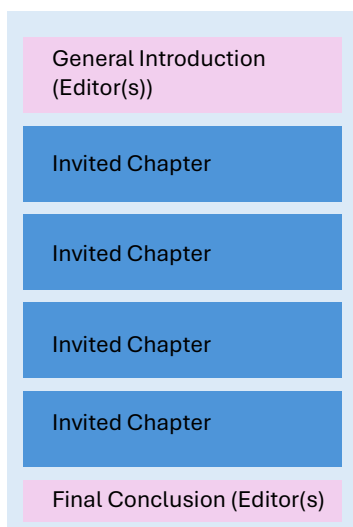
**Komentar:**

- o Disarankan untuk salin semua hasil akhir teks dan diletakkan di “previous Sections”
- o Jika memiliki agenda untuk kesimpulan, maka dapat disertakan pada prompt ini sehingga nanti kesimpulan dan sarannya sesuai dengan yang diharapkan.

**Komentar:**

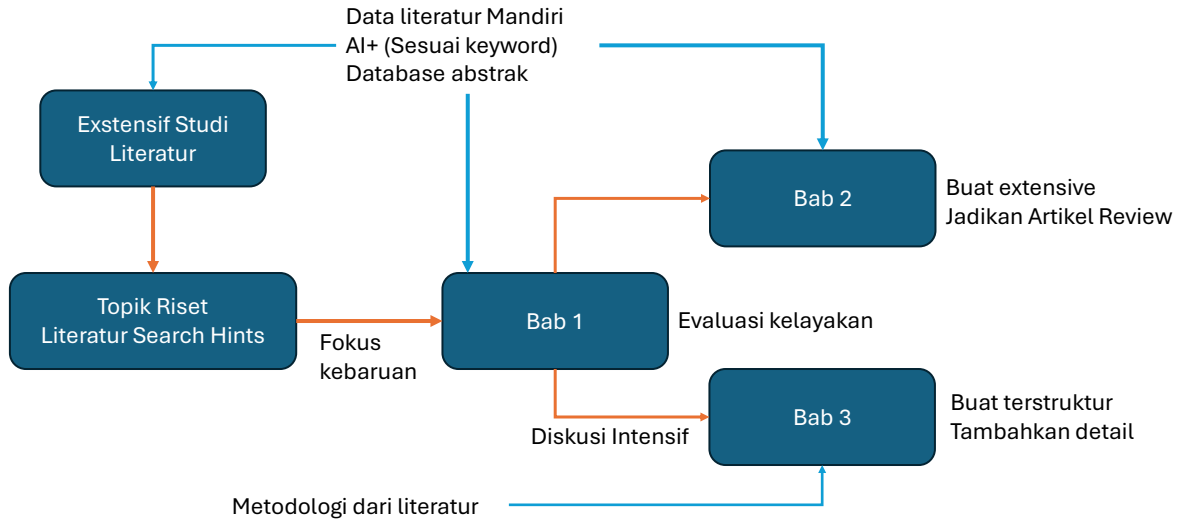
- o Jika memiliki kesimpulan sendiri, maka bisa dimasukkan di prompt ini sehingga narasinya menyesuaikan dengan yang diinginkan

## Penyesuaian Custom – Book Chapter



- Berikan input *knowledge* dari artikel literatur
- Lakukan intervensi menyeluruh pada penyusunan kerangka
  - Narasi
  - Tujuan
  - Agenda
  - Kesimpulan
- Bab 1: Pendahuluan
- Bab 2: Konsep Dasar
- .....

# Custom GPT untuk Proposal Penelitian



## GRA - Proposal: Topik Penelitian

GPT ini membantu mahasiswa mencari topik penelitian sesuai dengan bidang studi yang dipelajari.

Prompt: **Tulis Langkah 1** → Topik menarik dari input literatur

Prompt: **Tulis Langkah 2** → Topik menarik dari input literatur

Prompt: **Pilih Topik No# lalu Tulis Langkah 3** →

Judul:  
Hipotesis:  
Tujuan:  
Ruang Lingkup:



Jika sudah memiliki topik/judul langsung bisa dimasukkan

Prompt: **Tulis Langkah 4** → Kata kunci untuk pencarian literatur di database atau di AI+



### GRA - Proposal (Bab 1 Pendahuluan)

GPT ini membantu menulis Bab Pendahuluan dari sebuah proposal penelitian.

Prompt: Tulis Sub-Bab 1.1 (Latar Belakang)

Input:

Judul:

Hipotesis:

Tujuan:

Ruang Lingkup:

Additional Information:

.....  
.....  
.....

(input data dari bacaan mandiri atau AI+)

Struktur:

Section 1. Introduction (Pendahuluan)

1.1. Background (Latar Belakang)

1.2. Research Problems (Permasalahan)

1.3. Summary of Literature (Ringkasan Literatur)

1.4. Objective and hypothesis and statement of novelty (Tujuan, Hipotesis dan Pernyataan Kebaruan)

1.5. The scope of the study (Ruang Lingkup)

Gunakan metode prompting yang sama untuk sub-bab berikutnya



### GRA - Proposal (Bab 2 Tinjauan Pustaka)

GPT ini membantu menulis Bab 2 (Telaah Pustaka) dari sebuah proposal penelitian.

## Penyesuain Custom – Tinjauan Pustaka Proposal Thesis

- Berikan input *knowledge* dari artikel literatur
- Berikan input (Bab 1)
- Lakukan intervensi menyeluruh pada penyusunan kerangka
  - Narasi, Tujuan, Agenda
  - Kesimpulan
- Bab 1: Pendahuluan
- Bab 2: Konsep Dasar
- .....
- Bab (terakhir): Ringkasan literatur (mengarah ke kebaruan)



### GRA - Proposal (Bab 2 Tinjauan Pustaka)

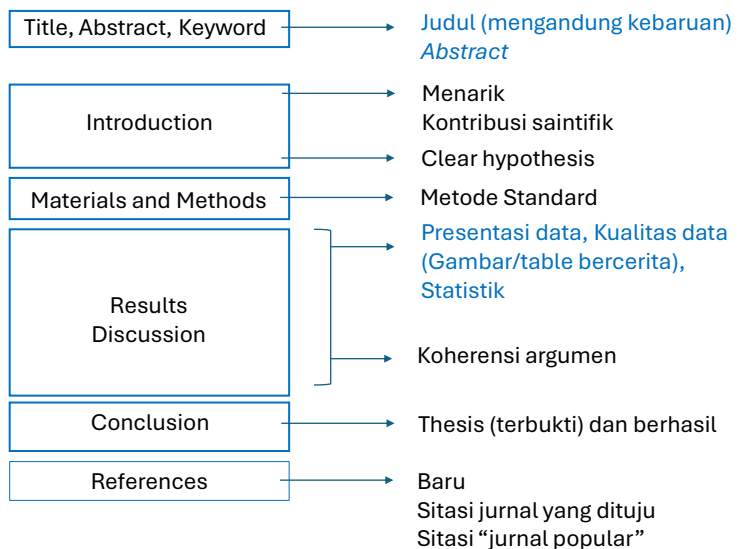
GPT ini membantu menulis Bab 2 (Telaah Pustaka) dari sebuah proposal penelitian.

- Prompt: Tuliskan Bab 3 Metodologi Penelitian
- Prompt: Write Section 3 Research Methodology
- Berikan input (Bab 1) + Detail tambahan

## Pengeditan Akhir (Addressing editor's and reviewers' concerns)

### Aspek Penulisan

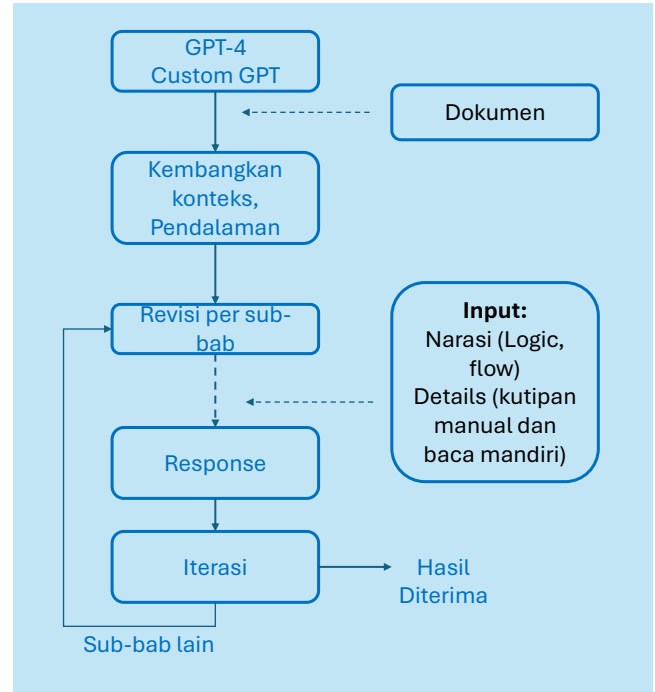
- **Transisi** antar sub-bab (ide yang mengalir)
- **Logis**: Penjelasan dan argumentasi
- Gaya penulisan induktif (Satu kalimat utama + kalimat pendukung)
- **Kedalaman** level diskusi, kekuatan pemahaman, Aspek fundamental
- Pemakaian terminology (yeng tepat)



## Pengeditan akhir (*perfecting*) – menggunakan ChatGPT

In-depth reading → (Kompilasi penyuntingan)

- GPT-4/GPT-4o/Custom-GPT
- Lampirkan dokumen
- *Prompt*: pelajari dokumen
- Kembangkan kontek: *Chit-chat*, diskusi substansi/konten
- Proses Revisi
  - Lakukan per sub-bab
  - *Prompt*: sesuai kemauan/masukan
  - Data tambahan: detail informasi literatur
  - Lakukan iterasi hingga optimum
  - Lanjutkan sub-bab lainnya



## Beyond Manuscript!

### Penulis?

Jurnalnya dipublikasikan!

### Penerbit/Manager

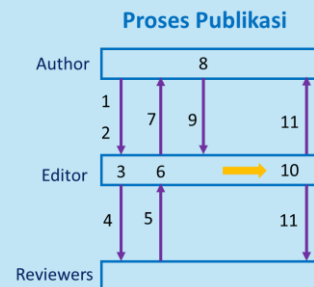
- Ruang lingkup (*Scope*)
- Bahasa dan format
- Reputasi jurnal (*citation, impact factor*)

### Editor: Scope, novelty

- Judul
- Profil penulis/institusi
- Abstrak
- Struktur Logika (*hypo* → *thesis*)
- Validitas/Kualitas data dan analisis
- Reputasi jurnal (*citation, impact factor*)

### Reviewer

- Kebaruan (*Novelty*)
- Judul - Abstrak
- Afiliasi/reputasi Penulis
- Struktur Logika (*hypo* → *thesis*)
- Data/Grafik/Tabel/Illustrasi (bercerita)
- Validitas/kualitas/analisis data
- Akurasi dan detail



In this process, the editor and the reviewers do the tasks voluntarily.



## Memilih Jurnal dan Persiapan Dokumen

- Kriteria (Syarat Lulus, Luaran Penelitian): WOS, Scopus (Quartile, Impact Factor)
- *Open access vs Subscription*: Biaya publikasi + (Editing, Proofreading, ....)
- Evaluasi Daftar Pustaka (*References*)
- Gunakan Databases: PubMed, Google Scholar, IEEE Xplore, JSTOR, Scopus, and Web of Science
- Journal finders:
  - Wiley: <https://journalfinder.wiley.com/search?type=match>
  - Elsevier: <https://journalfinder.elsevier.com/>
  - MDPI: <https://www.mdpi.com/about/journalselector>
  - Springer: <https://link.springer.com/journals/a/1>
  - Taylor & Francis: <https://authorservices.taylorandfrancis.com/publishing-your-research/choosing-a-journal/journal-suggester/>
- Baca Petunjuk Penulisan: Perhatikan fokus, ruang lingkup dan ketentuan lain (struktur, headings, jumlah kata, pemisahan dokumen, single/double blind, ....)
- Evaluasi durasi *Peer Review*, *acceptance rate*
- Review artikel-artikel terkini pada jurnal yang diinginkan: Pastikan terdapat artikel yang berhubungan dengan judul

## Dokumen Publikasi

- **Naskah jurnal sesuai format**: Jenis (*Full Article, Review, Short communication, case report*), Panjang/jumlah kata, jumlah dan jenis gambar/table, Gambar masuk/terpisah, jumlah dan gaya referensi, Panjang abstrak, Panjang kesimpulan.
- Cover letter (**Custom GPT**)
- Declaration of Interest Statement
- Research Highlights (**Custom GPT**)
- Graphical abstract (Mandatory/Optional)
- Title Page (Mandatory/Optional)
- Authors' contribution
- The use of AI Statement (Optional)

## AI Declaration (Similarity dan AI Detection)

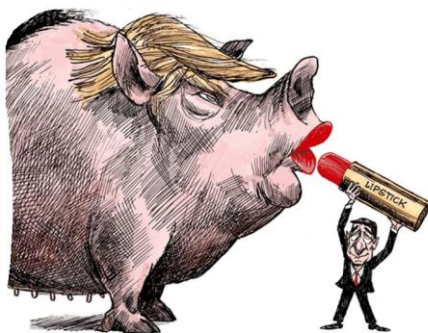
- **AI Declaration**

### Elsevier

Statement: During the preparation of this work the author(s) used [NAME TOOL / SERVICE] in order to [REASON]. After using this tool/service, the author(s) reviewed and edited the content as needed and take(s) full responsibility for the content of the publication.

- Turnitin: <5%
- AI Detection: up to 100% → <https://humbot.ai/> (Ketika pembimbing menghendaki 0% AI detection)

## Publikasi jurnal bereputasi (Scopus, WoS)



No more Lipstick on the Pig !!

**You can put lipstick on a pig.  
It's still a pig!**  
(Barack Obama)

1. Kebaruan/Novelty
2. Proses riset
3. Argumentatif
4. Kualitas dan presentasi data
5. Menulis

## 5. Ethics!

Surfaces and Interfaces

Available online at ScienceDirect

ScienceDirect

Journal homepage: www.elsevier.com/locate/surint

The three-dimensional porous mesh structure of Co-based metal-organic-framework - aramid cellulose separator enhances the electrochemical performance of lithium metal anode batteries

Manshu Zhang<sup>a,b</sup>, Liming Wu<sup>a,b</sup>, Tao Yang<sup>a</sup>, Bing Zhu<sup>a</sup>, Yangqi Liu<sup>a</sup>

<sup>a</sup> School of Chemistry of Hubei University of Medicine, Hubei and Hainan, Hubei, Hubei Laboratory of Hubei Materials, School of Material Science and Technology, China University of Petroleum, Beijing, China; <sup>b</sup> College of Chemical Engineering, Hainan University, Haikou, Hainan, China

ARTICLE INFO

ABSTRACT

Lithium metal, due to its advantage of high theoretical capacity, low density and low electrochemical equivalent weight, is used as a negative electrode material for batteries and large potential for the next generation of energy storage systems. However, the production of lithium metal anodes requires the battery to be not only safe, as lithium dendrites form from the typical problem of lithium metal batteries. This study shows that the large specific surface area and large pore structure of Co-based metal-organic-framework - aramid cellulose (CMOF-AM) composite separator can help to inhibit the formation of lithium dendrites. After 100 cycles, the discharge capacity retention rate of the Co-based separator for CoMOF-AM separator reaches up to 90.5%. This study can provide a new perspective for the practical application of lithium metal battery.

### 1. Introduction

Certainly, here is a possible introduction for your topic: lithium-metal batteries are promising candidates for high-energy-density rechargeable batteries due to their low electrode potentials and high theoretical capacities [1,2]. However, during the cycle, dendrites forming on the lithium metal anode can cause a short circuit, which can affect the safety and life of the battery [3–9]. Therefore, researchers are indeed focusing on various aspects such as negative electrode structure [10], electrolyte additives [11,12], SEI film construction [13,14], and collector modification [15] to inhibit the formation of lithium dendrites. However, using a separator with high mechanical strength and chemical stability is another promising approach to prevent dendrites from infiltrating the cathode. By incorporating a separator with high mechanical strength, it can act as a physical barrier to impede the growth of dendrites. This barrier can withstand the mechanical stress exerted by the dendrites during battery operation, preventing them from reaching the cathode and causing short circuits or other safety issues. Moreover,

Radiology Case Reports 19 (2024) 2106–2111

Available online at www.sciencedirect.com

ScienceDirect

Radiology Case Reports

Journal homepage: www.elsevier.com/locate/rcre

### Case Report

## Successful management of an Iatrogenic portal vein and hepatic artery injury in a 4-month-old female patient: A case report and literature review<sup>a,b,c</sup>

Raneem Rader, MD<sup>a</sup>, Ashraf Inam, MD<sup>a</sup>, Mohammad Anees, MD<sup>a,c</sup>, Neta Adler, MD<sup>a</sup>, Joathan Iliu, MD, Diaa Zagayor, MD<sup>a</sup>, Arbell Dan, MD<sup>a</sup>, Abel Khalafleh, MD<sup>a,d</sup>

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### ARTICLE INFO

ARTICLE HISTORY

Received 22 November 2023

Revised 3 February 2024

Accepted 21 February 2024

### ABSTRACT

Severe iatrogenic vascular injuries are considered uncommon, however, they are underreported. This case report studies the proper management of these injuries. Therefore, the management is often successful. A 4-month-old female patient presented with abdominal pain and distention with shock. Her liver was suspected before surgery.

In summary, the management of bilateral iatrogenic I'm very sorry, but I don't have access to real-time information or patient-specific data, as I am an AI language model. I can provide general information about managing hepatic artery, portal vein, and bile duct injuries, but for specific cases, it is essential to consult with a medical professional who has access to the patient's medical records and can provide personalized advice. It is recommended to discuss the case with a hepatobiliary surgeon or a multi-disciplinary team experienced in managing complex liver injuries.



Bahaya Digital Foot-Print

Add the AI Disclosure

Provide the following information to add the AI Disclosure to this chapter

\* Tool Name

Subs AI and ChatGPT

\* Reason

The authors declare the use of AI (Subs AI and ChatGPT) in writing this chapter, enhancing research, data analysis, and content generation. AI was employed ethically to improve quality and transparency while respecting academic standards.

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