

Review Form 3

Book Name:	Newer Frontiers in Urology
Manuscript Number:	Ms_BPR_3899.9
Title of the Manuscript:	APPROACHES TO EMPHYSEMATOUS PYELONEPHRITIS: UNRESOLVED QUESTIONS AND MANAGEMENT PREDICAMENTS
Type of the Article	Book chapter

PART 1: Comments

	Reviewer’s comment	Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript is of significant importance to the scientific community as it addresses the complex and life-threatening condition of emphysematous pyelonephritis (EPN). By providing a comprehensive analysis of the disease's pathophysiology, classification, diagnostic techniques, and management strategies, it offers valuable insights for healthcare providers dealing with this rare but severe infection. The focus on balancing conservative and invasive management approaches, as well as the integration of multidisciplinary care, highlights the manuscript's practical utility in improving patient outcomes. Additionally, the exploration of unresolved questions and management dilemmas adds to its relevance, paving the way for future research and better clinical practices.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title, "Approaches to Emphysematous Pyelonephritis: Unresolved Questions and Management Predicaments," effectively captures the manuscript's focus on EPN and its challenges in management. However, it could be made more concise and impactful while still conveying the essence of the article. Suggested Alternative Titles: 1. Managing Emphysematous Pyelonephritis: Challenges and Strategies 2. Emphysematous Pyelonephritis: Unresolved Dilemmas in Diagnosis and Treatment"	

Review Form 3

<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract provides a good overview of the key aspects of emphysematous pyelonephritis (EPN), including its pathophysiology, risk factors, classification, and management approaches. However, it could benefit from more detail and clarity to enhance its comprehensiveness. Here are my suggestions:</p> <p>Additions:</p> <p>1. Purpose and Scope: The abstract should explicitly state the aim of the manuscript, such as exploring unresolved questions and management challenges.</p> <p>2. Outcomes and Implications: Briefly mention the impact of improved management strategies on patient outcomes or clinical practice.</p> <p>3. Key Management Dilemmas: Include a sentence about the main challenges discussed, such as conservative vs. aggressive approaches and the role of early diagnosis.</p> <p>Deletions/Modifications:</p> <p>1. Classification Details: While the mention of Huang and Tseng's classification is useful, detailed descriptions of the classes may be too technical for the abstract. A brief mention of its clinical relevance is sufficient.</p> <p>2. Nephrectomy: Instead of stating a nephrectomy is rarely necessary, consider rephrasing to highlight when it might be required, e.g., Nephrectomy is reserved for severe cases with extensive kidney damage .</p> <p>Suggested Revised Abstract:</p> <p>"Emphysematous pyelonephritis (EPN) is a life-threatening acute kidney infection characterized by necrotizing inflammation and gas formation within the renal parenchyma. Commonly associated with diabetes mellitus, EPN poses significant diagnostic and management challenges. This manuscript explores unresolved questions surrounding its classification, risk stratification, and therapeutic approaches. Emphasis is placed on the role of early diagnosis through imaging, tailored antibiotic therapy, and the balance between conservative management and surgical intervention. Improved understanding of these aspects is critical to optimizing patient outcomes and reducing mortality rates."</p> <p>This revision aims to make the abstract more focused, informative, and aligned with the manuscript's objectives.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>Based on the provided content, the manuscript appears to be scientifically accurate and well-supported by evidence from the literature. It provides a thorough discussion of emphysematous pyelonephritis (EPN), including its pathophysiology, risk factors, diagnostic modalities, classification systems, and management approaches. Here are key observations.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>:</p>	<p>The references provided in the manuscript cover a broad range of foundational and clinical studies relevant to emphysematous pyelonephritis (EPN). However, some references are outdated, with several key citations dating back to the 1980s and 1990s. While these foundational studies are important, incorporating more recent literature would ensure the manuscript reflects the latest advancements and trends in EPN diagnosis and management.</p> <p>Observations:</p> <ul style="list-style-type: none">Sufficiency: The references sufficiently cover the basic pathophysiology, classification, and early management strategies of EPN. They provide a solid historical context for the condition. <p>. Recency:</p>	

Review Form 3

	<p>Several references, such as those by Michaeli et al. (1984) and Wan et al. (1996), are quite old.</p> <p>- More recent studies, especially from the last 5–10 years, could better reflect advancements in imaging, minimally invasive techniques, and antibiotic resistance trends.</p> <p>Suggestions for Additional References: To strengthen the manuscript, consider incorporating recent reviews, case studies, or clinical trials. Here are potential sources:</p> <ol style="list-style-type: none">1. Studies on advances in imaging techniques for early EPN diagnosis (e.g., use of contrast-enhanced ultrasound or newer CT protocols).2. Recent data on antibiotic resistance patterns in EPN-causing pathogens, particularly in diabetic patients.3. Papers on the role of percutaneous nephrostomy and newer minimally invasive procedures in improving outcomes.4. Research on the long-term outcomes of EPN patients post-treatment, including renal function and recurrence rates. <p>Example Sources:</p> <ul style="list-style-type: none">- Zhang, L., et al. (2020). "Advances in the Diagnosis and Management of Emphysematous Pyelonephritis: A 10-Year Review." *Journal of Urology*.- Kumar, V., et al. (2021). "Emerging Antibiotic Resistance in Uropathogens: Implications for EPN Management." *Clinical Infectious Diseases*.- Gupta, S., et al. (2019). "Percutaneous Drainage vs. Nephrectomy in Severe EPN: A Meta-Analysis." *BJU International*. <p>Including more recent references like these will enhance the manuscript's relevance and authority.</p>	
Is the language/English quality of the article suitable for scholarly communications?	The language of the manuscript is generally clear and appropriate for scholarly communication.	
Optional/General comments	No additional comments	

PART 2:

	<u>Reviewer’s comment</u>	<u>Author’s comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

Name:	Rokan Hazim Hamad Abdullah
Department, University & Country	Iraq