Research proposal makerere university news portal Manual

research proposal makerere university news portal has become an essential resource for students, faculty, researchers, and stakeholders interested in the latest updates, academic achievements, research initiatives, and institutional news from Makerere University. As one of Africa?s oldest and most prestigious universities, Makerere continually strives to enhance its communication channels, and the news portal plays a pivotal role in disseminating vital information efficiently and effectively. This article explores the features, benefits, and significance of the Makerere University news portal, especially focusing on its role in supporting research proposals, academic dissemination, and fostering a vibrant research community.

Understanding the Makerere University News Portal

What is the Makerere University News Portal?

The Makerere University news portal is an official online platform that provides real-time updates, news articles, research highlights, academic achievements, upcoming events, and important notices related to the university community. It serves as a central hub for internal and external audiences to stay informed about the university's developments, initiatives, and research activities.

Core Features of the News Portal

The portal boasts several features designed to enhance user experience and information dissemination:

- Regularly Updated Content: News articles, features, and press releases on university activities.
- Research and Innovation Highlights: Showcasing research breakthroughs, ongoing projects, and funding opportunities.
- Event Calendar: Information about seminars, conferences, workshops, and public lectures.
- Academic Announcements: Admission notices, graduation announcements, and academic calendar updates.
- Multimedia Content: Photos, videos, and podcasts related to university events and research activities.
- User-Friendly Interface: Easy navigation and mobile responsiveness to reach a broad audience.

The Role of the News Portal in Supporting Research Proposal

Development

Providing Access to Funding Opportunities

One of the critical functions of the Makerere University news portal is to keep researchers informed about funding opportunities, grants, and calls for proposals. This ensures that researchers are aware of potential sources of support for their projects.

Key points include:

- Announcements of local, national, and international funding calls.
- Guidance on application procedures and deadlines.
- Success stories of funded projects to motivate researchers.

Sharing Research Guidelines and Best Practices

The portal often features articles and resources related to developing effective research proposals, including:

- Tips for crafting compelling research proposals.
- Guidelines on ethical considerations.
- Checklists for proposal components such as objectives, methodology, and budget.

Highlighting Successful Research Proposals

Showcasing successful research projects and proposals can serve as motivation and learning tools for aspiring researchers. The portal regularly features case studies and profiles of funded projects, providing insights into best practices.

Key Sections of the Makerere University News Portal

Research and Innovation Section

This section is dedicated to showcasing the university?s latest research activities, innovations, and scholarly contributions. It often includes:

- Summaries of ongoing research projects.
- Profiles of prominent researchers and research groups.

- Announcements of research funding and partnerships.

Academic and Student News

Updates related to student achievements, academic programs, graduations, and faculty accomplishments. This fosters an environment that celebrates academic excellence and encourages student engagement.

Events and Conferences

Information about upcoming academic events, seminars, and conferences hosted or sponsored by Makerere University. The portal facilitates event registration and dissemination of event outcomes.

Media and Multimedia Content

Photos, videos, podcasts, and webinars that document university activities, research findings, and community outreach efforts.

Benefits of Using the Makerere University News Portal

For Researchers and Faculty Members

- Up-to-date Information: Access to the latest calls for research proposals and funding.
- Networking Opportunities: Discover potential collaborators and research partners.
- Visibility: Showcase research achievements to a broader audience.
- Resource Hub: Find guidelines, templates, and best practices for proposal writing.

For Students and Prospective Researchers

- Research Opportunities: Learn about scholarships, grants, and research projects.
- Academic Engagement: Stay informed about academic events and competitions.
- Career Development: Access to research mentorship and training programs.

For External Stakeholders

- Partnership Development: Connect with the university for collaborative projects.
- Public Awareness: Stay informed about Makerere?s contribution to societal development.
- Funding and Support: Identify opportunities to fund or support university research.

How to Access and Utilize the Makerere University News Portal Effectively

Steps to Access the Portal

- Visit the official Makerere University website.
- Navigate to the ?News? or ?Media? section.
- Use the search function or browse categories to find relevant information.
- Subscribe to newsletters or alerts for regular updates.

Tips for Maximizing Benefits

- Regularly check the portal for new research funding opportunities.
- Follow social media links associated with the portal for real-time updates.
- Engage with content by commenting or sharing relevant news.
- Use provided resources and guidelines to improve research proposal quality.

Future Developments and Enhancements

Makerere University continues to innovate its news portal by integrating new features:

- Mobile Apps: Dedicated applications for easier access on smartphones.
- Interactive Platforms: Webinars and live Q&A sessions on research topics.
- Research Repository Links: Direct access to research publications and datasets.
- Enhanced Search Functionality: Better filtering options for users to find specific news or research updates.

Conclusion

The **research proposal makerere university news portal** stands as a vital tool for fostering a vibrant research environment at Makerere University. By providing timely, accurate, and comprehensive information about research funding, guidelines, achievements, and opportunities, the portal empowers researchers and students to excel in their scholarly pursuits. Its role in promoting transparency, collaboration, and innovation cannot be overstated. As Makerere University continues to grow and expand its research capacity, the news portal will undoubtedly remain a cornerstone in supporting the university?s mission of academic excellence and societal impact.

Keywords: Makerere University news portal, research proposals, academic news, research funding,

university updates, research opportunities, scholarly achievements, academic collaboration, research support, university events

Research Proposal Makerere University News Portal: An In-Depth Review

Introduction

In the rapidly evolving landscape of higher education, research remains the cornerstone of academic excellence and societal advancement. At the heart of this scholarly pursuit lies the Research Proposal Makerere University News Portal, a pivotal digital platform designed to streamline, enhance, and disseminate research-related activities within one of Africa's premier institutions. This review delves into the multifaceted aspects of the portal, exploring its features, usability, impact, and significance for students, faculty, and stakeholders.

Overview of Makerere University News Portal

Makerere University News Portal functions as the university?s official digital hub for disseminating news, updates, and academic resources. Its integration with the research proposal module signifies a strategic move to centralize research activities, foster collaboration, and promote transparency.

Purpose and Objectives

- To serve as a comprehensive platform for research proposal submissions, reviews, and approvals.
- To enhance communication between researchers, faculty, and administrative bodies.
- To facilitate tracking and management of research projects from inception to completion.
- To promote awareness of ongoing research activities and opportunities within the university community.

Features of the Research Proposal Makerere University News Portal

The portal's design reflects a user-centric approach, emphasizing functionality, ease of access, and security.

- User Registration and Authentication

- Secure Login System: Ensures that only authorized users?students, faculty, and research administrators?can access sensitive modules.

- Role-based Access: Different functionalities are tailored for various user types, such as:
- Researchers submitting proposals.
- Review committee members evaluating submissions.
- Administrative staff managing approval workflows.

- Proposal Submission Module

- Structured Templates: Guides researchers to provide comprehensive proposals, including objectives, methodology, budget estimates, and expected outcomes.
- Document Uploads: Supports multiple formats (PDF, Word, Excel) for supporting documents and annexures.
- Guidelines and Tips: Embedded instructions help users craft compelling proposals aligned with university standards.

- Review and Feedback System

- Automated Workflow: Assigned reviewers receive notifications for evaluation.
- Commenting and Revisions: Facilitates iterative review processes with space for feedback and resubmission.
- Evaluation Criteria: Incorporates standardized scoring rubrics to ensure transparency and fairness.

- Approval and Tracking

- Real-Time Status Updates: Researchers can monitor the progress of their proposals through various stages?submitted, under review, approved, or rejected.
- Notification System: Automated alerts for deadlines, review comments, or required actions.
- Dashboard Analytics: Administrative overview of submissions, review timelines, and approval rates.

- Integration with Other Systems

- Funding Portals: Links to financial management modules for research grants.

- Publication Databases: Connects approved projects with institutional repositories.
- Research Repository: Centralized space for storing and showcasing completed research outputs.

Usability and Accessibility

Makerere University News Portal prioritizes user experience (UX) and inclusivity.

Ease of Navigation

- Intuitive interface with clear menus and prompts.
- Search functionalities to locate proposals, guidelines, or news updates swiftly.

Accessibility Features

- Compatibility with screen readers for users with disabilities.
- Mobile-responsive design allowing access via smartphones and tablets.
- Multi-language support considering the diverse university community.

Support and Training

- Help Center: FAQs, tutorials, and contact support.
- Workshops and Webinars: Regular sessions to familiarize users with the portal?s functionalities.
- Feedback Mechanism: Channels for users to suggest improvements or report issues.

Impact on Research Culture at Makerere University

The portal significantly influences the university?s research environment in several ways:

- Streamlining Administrative Processes

- Reduces paperwork and manual tracking.
- Accelerates proposal review cycles.
- Ensures compliance with institutional and funding body standards.

- Promoting Transparency and Accountability

- Clear documentation trails.
- Accessible review comments and decision records.
- Data-driven insights for policy formulation.

- Encouraging Collaboration and Interdisciplinary Research

- Visibility of ongoing proposals and projects.
- Facilitates partnerships across departments and faculties.
- Enhances resource sharing.

- Capacity Building and Skill Development

- Users become adept at digital research management.
- Promotes adherence to best practices in proposal writing and research ethics.

Challenges and Limitations

While the portal offers numerous advantages, certain challenges persist:

- Technical Issues: System downtimes or bugs can hinder submission or review processes.
- User Adoption: Resistance to change among some staff or students unfamiliar with digital platforms.
- Resource Constraints: Limited IT support or infrastructure may affect optimal functioning.
- Data Security Risks: Sensitive research data necessitate robust cybersecurity measures.

Future Prospects and Recommendations

To maximize its potential, Makerere University should consider:

- Continuous System Enhancement

- Incorporate AI-driven features like proposal similarity checks or automated scoring.
- Integrate with global research databases for broader visibility.

- Capacity Building

- Regular training sessions.
- User-friendly guides and tutorials.

- Strengthening Security

- Regular audits.
- Data encryption and access controls.

- Expanding Functionalities

- Virtual collaboration spaces.
- Grant management modules.
- Publication and dissemination links.

Conclusion

The Research Proposal Makerere University News Portal represents a significant advancement in the university?s research ecosystem. By centralizing proposal management, fostering transparency, and promoting efficiency, it aligns with Makerere?s mission to be a leading research-intensive institution. While challenges remain, strategic enhancements and committed user engagement can propel the portal to become a model platform for research administration across Africa.

In embracing digital transformation, Makerere University not only streamlines its research processes but also sets a precedent for other academic institutions aiming to modernize and elevate their research impact. The portal?s ongoing development and refinement will undoubtedly play a crucial role in shaping the university?s research future.

QuestionAnswer What is the purpose of the Research Proposal Maker at Makerere University News Portal? The Research Proposal Maker at Makerere University News Portal is designed to assist students and researchers in creating comprehensive and well-structured research proposals

efficiently. How can I access the Research Proposal Maker on Makerere University News Portal? You can access the Research Proposal Maker by visiting the official Makerere University News Portal and navigating to the Research Resources section or by logging into your student portal where the tool is integrated. Is the Research Proposal Maker free to use for Makerere University students? Yes, the Research Proposal Maker is freely available for Makerere University students and staff as part of the university?s research support services. What features does the Research Proposal Maker offer? The tool provides guided templates, tips for writing each section, citation assistance, and the ability to customize proposals according to specific research requirements. Can the Research Proposal Maker help with proposal formatting and referencing? Absolutely, it offers formatting guidelines and supports referencing styles to ensure proposals meet academic standards. Are there tutorials or user guides available for the Research Proposal Maker? Yes, Makerere University provides tutorials and user guides on the portal to help users maximize the tool?s features. Who can I contact for support if I encounter issues with the Research Proposal Maker? Support can be obtained by contacting the university?s IT support team or the research office through contact details provided on the Makerere University News Portal. Is the Research Proposal Maker integrated with other research tools on the portal? Yes, it is integrated with other research resources such as library databases and publication repositories to enhance research proposal development. How does the Research Proposal Maker improve the research proposal writing process? It streamlines the process by providing structured guidance, reducing errors, and saving time in creating high-quality proposals. Will using the Research Proposal Maker increase my chances of securing research funding? While it does not guarantee funding, using the tool can help produce professional and compelling proposals that improve your chances of securing research grants or approvals.

Related keywords: research proposal Makerere University news portal, Makerere University research news, university research proposals, Makerere research updates, academic research Makerere, university news portal Uganda, research funding Makerere, Makerere University academic projects, higher education news Makerere, research opportunities Uganda

MCQS FOR PORTAL HYPERTENSION AND ANSWERS

MCQs for Portal Hypertension and Answers

Portal hypertension is a critical clinical condition characterized by increased blood pressure within the portal venous system. It is commonly associated with liver cirrhosis but can also result from other hepatic or extrahepatic causes. For students, healthcare professionals, and exam aspirants, mastering multiple-choice questions (MCQs) related to portal hypertension is essential for understanding its pathophysiology, diagnosis, and management. This article provides a

comprehensive collection of MCQs on portal hypertension along with detailed answers, designed to enhance learning and prepare for assessments.

Understanding Portal Hypertension: Basic Concepts and Pathophysiology

What is portal hypertension?

- It refers to an increase in the blood pressure within the portal venous system, typically exceeding 5 mm Hg above the normal portal pressure.
- Clinically significant portal hypertension is often considered when the portal pressure gradient exceeds 10-12 mm Hg.

Causes of portal hypertension

- **Pre-hepatic causes:** Portal vein thrombosis, splenic vein thrombosis
- **Intra-hepatic causes:** Cirrhosis, schistosomiasis, hepatic fibrosis
- **Post-hepatic causes:** Budd-Chiari syndrome, right heart failure, hepatic vein outflow obstruction

Pathophysiology

- Obstruction or increased resistance to blood flow within the liver leads to increased portal venous pressure.
- Development of collateral circulation, such as esophageal varices, to bypass the high-resistance areas.
- Consequences include variceal bleeding, splenomegaly, ascites, and hepatic encephalopathy.

Multiple-Choice Questions (MCQs) on Portal Hypertension

1. Which of the following is the most common cause of portal hypertension worldwide?

- Hepatic vein thrombosis
- Schistosomiasis
- Cirrhosis of the liver
- Congestive heart failure

Answer: C. Cirrhosis of the liver

2. Which of the following is a typical feature of portal hypertension?

- Decreased splenic size
- Decreased formation of collateral vessels
- Development of esophageal varices
- Reduced portal pressure

Answer: C. Development of esophageal varices

3. What is the normal portal vein pressure?

- 5 mm Hg
- 10 mm Hg
- 20 mm Hg
- 25 mm Hg

Answer: A. 5 mm Hg

4. Which diagnostic modality is most commonly used to confirm portal hypertension?

- Ultrasound Doppler
- CT scan
- Endoscopy
- Serum liver function tests

Answer: A. Ultrasound Doppler

5. Which of the following complications is most directly associated with portal hypertension?

- Hepatocellular carcinoma
- Ascites
- Variceal bleeding
- Jaundice

Answer: C. Variceal bleeding

6. Which of the following treatments is used to reduce portal pressure?

- Beta-blockers
- Diuretics
- Antibiotics
- Anticoagulants

Answer: A. Beta-blockers

7. Which of the following is NOT a common collateral pathway in portal hypertension?

- Esophageal veins
- Paraumbilical veins
- Renal veins
- Colonic veins

Answer: C. Renal veins

8. In portal hypertension, what is the significance of a "caput medusae" appearance?

- Varicose veins around the umbilicus
- Enlarged spleen
- Ascites formation
- Hepatic enlargement

Answer: A. Varicose veins around the umbilicus

9. Which of the following is a non-invasive method to estimate portal pressure?

- Hepatic venous pressure gradient (HVPG)
- Ultrasound elastography
- Peritoneal fluid analysis
- Serum bilirubin levels

Answer: B. Ultrasound elastography

10. Which medication is primarily used in emergency management of acute variceal bleeding?

- Propranolol
- Octreotide
- Spironolactone
- Furosemide

Answer: B. Octreotide

Additional Important MCQs on Portal Hypertension

11. Which of the following is a hallmark of cirrhotic portal hypertension?

- Hyperdynamic circulation
- Reduced cardiac output
- Decreased portal venous flow
- Absence of collateral formation

Answer: A. Hyperdynamic circulation

12. What is the primary purpose of a Transjugular Intrahepatic Portosystemic Shunt (TIPS)?

- To remove ascitic fluid
- To decrease portal pressure by creating a shunt within the liver
- To treat hepatic tumors
- To enhance liver regeneration

Answer: B. To decrease portal pressure by creating a shunt within the liver

13. Which of the following is a contraindication for TIPS procedure?

- Severe hepatic encephalopathy
- Refractory ascites

- Variceal bleeding
- Splenomegaly

Answer: A. Severe hepatic encephalopathy

14. In portal hypertension, which organ is most likely to become congested and enlarged?

- Kidneys
- Spleen
- Pancreas
- Lungs

Answer: B. Spleen

15. Which laboratory finding is most often elevated in patients with portal hypertension secondary to cirrhosis?

- Serum albumin
- Serum bilirubin
- Prothrombin time
- Serum sodium

Answer: B. Serum bilirubin

Summary and Key Takeaways

- Portal hypertension is primarily caused by cirrhosis but can also result from pre-hepatic or post-hepatic causes.
- Esophageal varices, splenomegaly, and ascites are hallmark features and complications.
- Diagnostic tools include Doppler ultrasound, endoscopy, and measurement of hepatic pressure gradients.
- Management strategies focus on reducing portal pressure, controlling bleeding, and treating underlying causes.
- Medications like beta-blockers and octreotide, along with procedures such as TIPS, play vital roles in management.

This compilation of MCQs with answers aims to reinforce understanding of portal hypertension for

both academic and clinical purposes. Regular practice with MCQs enhances retention and prepares candidates effectively for examinations and real-world clinical scenarios.

MCQs for Portal Hypertension and Answers: An In-Depth Review and Guide

Understanding portal hypertension is crucial for medical students, residents, and healthcare professionals involved in hepatology and gastroenterology. Multiple-choice questions (MCQs) serve as an essential tool for assessing knowledge, preparing for exams, and reinforcing understanding of complex conditions like portal hypertension. This article provides a comprehensive review of MCQs related to portal hypertension, including detailed explanations, key concepts, and answers to help learners grasp the intricacies of this condition.

Overview of Portal Hypertension

Portal hypertension refers to an increase in the blood pressure within the portal venous system, typically exceeding 5 mm Hg above the normal portal pressure of approximately 5-10 mm Hg. It is most commonly caused by liver cirrhosis but can also result from other conditions affecting portal blood flow or resistance.

Key Features:

- Elevated portal pressure leads to the development of varices, ascites, splenomegaly, and portosystemic shunts.
- The primary pathophysiological mechanism involves increased resistance to portal blood flow, often secondary to structural changes like fibrosis or thrombosis.

Significance of MCQs in Portal Hypertension

MCQs are invaluable in medical education for several reasons:

- Assessment of Knowledge: They test understanding of pathophysiology, clinical features, diagnosis, and management.
- Exam Preparation: MCQs simulate real exam scenarios, especially in competitive exams like USMLE, NEET, or postgraduate assessments.
- Learning Reinforcement: Well-designed questions reinforce key concepts and highlight common pitfalls.
- Self-Assessment: They enable learners to identify knowledge gaps and focus on weak areas.

Commonly Asked MCQs in Portal Hypertension

The MCQs can be broadly categorized based on topics such as etiology, pathophysiology, clinical features, diagnostic investigations, and management strategies.

Etiology and Pathophysiology

Sample MCQ 1:

Which of the following is the most common cause of portal hypertension worldwide?

A) Hepatitis B virus infection

B) Alcoholic liver disease

C) Liver cirrhosis due to hepatitis C

D) Schistosomiasis

Answer: D) Schistosomiasis

Explanation:

While cirrhosis is a common cause in developed countries, schistosomiasis remains a leading cause globally, especially in endemic regions, by causing periportal fibrosis that obstructs portal blood flow.

Sample MCQ 2:

Which of the following best describes the primary mechanism leading to increased portal pressure in cirrhosis?

A) Increased portal blood flow due to vasodilation

B) Increased resistance to portal blood flow due to fibrosis and regenerative nodules

C) Increased systemic blood pressure

D) Decreased portal vein diameter

Answer: B) Increased resistance to portal blood flow due to fibrosis and regenerative nodules

Explanation:

Cirrhosis causes architectural distortion and fibrosis, which increase resistance in the portal venous system, leading to elevated portal pressure.

Clinical Features and Complications

Sample MCQ 3:

Which of the following is the most common presenting complication of portal hypertension?

A) Ascites

B) Esophageal variceal bleeding

C) Hepatic encephalopathy

D) Splenomegaly

Answer: B) Esophageal variceal bleeding

Explanation:

While ascites and splenomegaly are common features, variceal bleeding remains the most dramatic and life-threatening complication, often presenting as upper GI hemorrhage.

Sample MCQ 4:

A patient with known cirrhosis presents with massive hematemesis. Endoscopy reveals esophageal varices. What is the primary pathophysiological reason for variceal formation?

A) Increased portal blood flow

B) Formation of portosystemic collaterals due to increased portal pressure

C) Decreased hepatic synthesis of clotting factors

D) Spontaneous rupture of esophageal veins

Answer: B) Formation of portosystemic collaterals due to increased portal pressure

Explanation:

Elevated portal pressure causes the development of collateral pathways, including esophageal varices, to bypass the high-resistance portal system.

Diagnostic Investigations

Sample MCQ 5:

Which of the following is the most accurate non-invasive method to estimate portal pressure?

A) Hepatic venous pressure gradient (HVPG) measurement

B) Ultrasound Doppler assessment of portal vein

C) Serum liver function tests

D) Abdominal X-ray

Answer: A) Hepatic venous pressure gradient (HVPG) measurement

Explanation:

HVPG is considered the gold standard for assessing portal pressure non-invasively, especially in research and specialized settings.

Sample MCQ 6:

On ultrasound, which finding is most suggestive of portal hypertension?

A) Normal portal vein diameter

B) Collateral formation

C) Decreased spleen size

D) Absence of splenomegaly

Answer: B) Collateral formation

Explanation:

Presence of collaterals and splenomegaly are ultrasound features indicating portal hypertension.

Management Strategies

Sample MCQ 7:

Which of the following is the first-line pharmacological treatment for preventing initial bleeding in patients with esophageal varices?

A) Propranolol (non-selective beta-blocker)

B) Vasopressin

C) Octreotide

D) Antibiotics

Answer: A) Propranolol (non-selective beta-blocker)

Explanation:

Propranolol reduces portal pressure by decreasing cardiac output and splanchnic vasoconstriction, thereby preventing first hemorrhage in high-risk varices.

Sample MCQ 8:

In a patient with refractory variceal bleeding, which surgical procedure can be performed as a last resort?

A) Endoscopic variceal ligation

B) Transjugular intrahepatic portosystemic shunt (TIPS)

C) Sclerotherapy

D) Liver transplantation

Answer: B) Transjugular intrahepatic portosystemic shunt (TIPS)

Explanation:

TIPS creates a shunt between the portal and hepatic veins, reducing portal pressure when medical and endoscopic therapies fail.

Features and Pros & Cons of MCQ-Based Learning for Portal Hypertension

Features:

- Focused assessment on key concepts and clinical decision-making.
- Reinforces factual knowledge through active recall.
- Helps identify misconceptions and knowledge gaps.
- Useful in exam preparation due to high-yield nature.

Pros:

- Efficient learning and self-assessment.
- Enhances retention of complex mechanisms.
- Prepares learners for real-world clinical scenarios.

Cons:

- May oversimplify complex cases.
- Risk of rote memorization without understanding.
- Limited in assessing clinical reasoning without case-based questions.

Conclusion

MCQs for portal hypertension are an integral part of medical education, offering a structured approach to mastering this complex condition. They cover a broad spectrum?from etiology and pathophysiology to diagnosis and management?allowing learners to consolidate their knowledge effectively. While MCQs are highly beneficial for self-assessment and exam readiness, they should be complemented with clinical case discussions, image-based assessments, and practical experience for comprehensive learning. By understanding the rationale behind each answer, students can develop a deeper insight into portal hypertension, ultimately improving their clinical competence and patient care.

Final Tip for Learners:

Regularly practicing MCQs, reviewing explanations thoroughly, and staying updated with current guidelines will ensure a robust understanding of portal hypertension and its multifaceted aspects.

QuestionAnswer Which of the following is the most common cause of portal hypertension? Cirrhosis of the liver is the most common cause of portal hypertension. What is the primary mechanism leading to increased portal pressure in portal hypertension? Obstruction to blood flow through the portal venous system results in increased portal pressure. Which clinical feature is most characteristic of portal hypertension? Splenomegaly and development of varices are characteristic features. Which of the following procedures is commonly used to diagnose portal hypertension? Hepatic venous pressure gradient (HVPG) measurement is the gold standard diagnostic procedure. Which complication is most directly associated with portal hypertension? Variceal bleeding is a major complication directly related to portal hypertension. Which medication is commonly used to reduce portal pressure in portal hypertension? Non-selective beta-blockers, such as propranolol, are used to decrease portal pressure. In portal hypertension, what is the significance of ascites formation? Ascites results from increased hydrostatic pressure and decreased oncotic pressure due to portal hypertension and liver dysfunction.

Related keywords: portal hypertension, mcqs, multiple choice questions, answers, liver cirrhosis, portal system, esophageal varices, diagnosis, treatment, clinical features

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