



Imaging Recommendations for Diagnosis, Staging, and Management of Ovarian and Fallopian Tube Cancers

Renanathan Rupa¹ Renganathan Prema¹ Palak Bhavesh Popat² Smita Manchanda³
Kasi Venkatesh⁴ Anuradha Chandramohan⁵ Anbukani Subbian⁶ Bharath Rangarajan⁷

¹ Department of Diagnostic and Interventional Radiology, Division of Breast and Women's Imaging and Interventions, Koval Medical Center and Hospitals, Coimbatore, Tamil Nadu, India

² Department of Radiology, Tata Memorial Hospital, Mumbai, Maharashtra, India

³ Department of Radiodiagnosis and Interventional Radiology, All India Institute of Medical Sciences, New Delhi, India

⁴ Department of Diagnostic and Interventional Radiology, Division of Abdominal Imaging and ablative therapies, Koval Medical Center and Hospitals, Coimbatore, India

⁵ Department of Radiology, Christian Medical College and Hospital, Vellore, Tamil Nadu, India

⁶ Department of Gynecological Oncology, Koval Medical Center and Hospitals, Coimbatore, Tamil Nadu, India

⁷ Department of Medical Oncology, KNCCHMSR, Coimbatore, Tamil Nadu, India

Address for correspondence: Renanathan Rupa, DNB, FRCS, Department of Diagnostic and Interventional Radiology, Division of Breast and Women's Imaging and Interventions, Koval Medical Center and Hospitals, Coimbatore, Tamil Nadu 641014, India (e-mail: drnupa@gmail.com).

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Abstract

Ovarian malignancy the third most common gynecological malignancy and is the leading cause of death in women. Non-specific clinical presentation delays the diagnosis, and they often present in the advanced stage of disease. No imaging modality is recommended for screening as there is no significant mortality reduction. Ultrasound (USG) is usually the initial modality in suspected ovarian mass. MRI is recommended for the characterization of indeterminate ovarian or adnexal mass on USG. CT abdomen and pelvis with oral and IV contrast is the recommended imaging modality in staging the disease, predicting the resectability and in selecting the patients who would benefit from neoadjuvant chemotherapy. Early ovarian cancers are staged by post-surgical histology and undergo upfront surgery. Advanced disease benefit by neoadjuvant chemotherapy and less morbidity by interval cytoreduction where image-guided biopsy is performed for histological diagnosis. Follow-up recommendations are based on tumor histology. CT/PET CT is recommended for diagnosing recurrence.

Keywords

- screening
- CT
- staging
- resectability
- cytoreduction
- follow-up
- PET CT

Introduction

Ovarian cancer is the second most common gynecological cancer worldwide and third most common in developed

countries. About 95% of ovarian malignancies are epithelial origin and the rest arise from other subtypes. The two broad subtypes of epithelial ovarian cancers are type 1 that are low-grade tumors and type 2 that are aggressive tumors and most

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Bouncebacks! Critical Care Michael B. Weinstock, Kevin M. Klauer, 2021-07-13 This edition of *Bouncebacks* Emergency Medicine books examines the bounceback visit putting the reader in the footsteps of the clinician as the patient deteriorates The story pauses at important decision points as possible management strategies are reviewed in a literature based fashion followed by a revelation of the path chosen by the actual provider As the patient s course progresses we reach additional decision points and address further clinical questions In addition to our chapter authors many with expertise in critical care emergency medicine we have an all star lineup of expert whisperers first an EM critical care section editor below and second EMCRI org s double boarded critical care guru Scott Weingart Their comments are inserted in grey boxes and are intended to give tips and tricks borne of experience and to provide context to the literature as if they are standing over our shoulder and advising during a resuscitation Additionally there are three chapters where we address the medical legal aspects of care Enter Greg Henry MD past president of The American College of Emergency Physicians ACEP and one

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Neuropalliative Care ,2023-01-03 Neuropalliative Care Part Two Volume 191 covers a type of care that is given when there is no cure for the neurological disorder and the patient is in distress It provides a scholarly background of neuropalliative care from historic underpinnings to its practice in various geographical regions along with best practices for specific neurological disorders It covers the work of multi or interdisciplinary teams whose care is intended to make the patient as comfortable as possible and includes partners and families in treatment plans Summarizes research in neuropalliative care Identifies current practices in different geographic regions Provides best practices for specific neurological disorders and patient populations Includes advanced care planning *Advance Care Planning in End of Life Care* Keri Thomas,Ben Lobo,2011 This is the first UK based guide to Advance Care Planning and provides practical advice on how this can be implemented by all professionals involved in end of life care including GPs and specialists outside palliative care who are increasingly treating patients at the end of life

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Table of Contents Advanced Strategies Tube Recommendations

1. Understanding the eBook Advanced Strategies Tube Recommendations
 - The Rise of Digital Reading Advanced Strategies Tube Recommendations
 - Advantages of eBooks Over Traditional Books
2. Identifying Advanced Strategies Tube Recommendations
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Advanced Strategies Tube Recommendations
 - User-Friendly Interface
4. Exploring eBook Recommendations from Advanced Strategies Tube Recommendations
 - Personalized Recommendations
 - Advanced Strategies Tube Recommendations User Reviews and Ratings
 - Advanced Strategies Tube Recommendations and Bestseller Lists
5. Accessing Advanced Strategies Tube Recommendations Free and Paid eBooks
 - Advanced Strategies Tube Recommendations Public Domain eBooks

- Advanced Strategies Tube Recommendations eBook Subscription Services
- Advanced Strategies Tube Recommendations Budget-Friendly Options
- 6. Navigating Advanced Strategies Tube Recommendations eBook Formats
 - ePub, PDF, MOBI, and More
 - Advanced Strategies Tube Recommendations Compatibility with Devices
 - Advanced Strategies Tube Recommendations Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Advanced Strategies Tube Recommendations
 - Highlighting and Note-Taking Advanced Strategies Tube Recommendations
 - Interactive Elements Advanced Strategies Tube Recommendations
- 8. Staying Engaged with Advanced Strategies Tube Recommendations
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Advanced Strategies Tube Recommendations
- 9. Balancing eBooks and Physical Books Advanced Strategies Tube Recommendations
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Advanced Strategies Tube Recommendations
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Advanced Strategies Tube Recommendations
 - Setting Reading Goals Advanced Strategies Tube Recommendations
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Advanced Strategies Tube Recommendations
 - Fact-Checking eBook Content of Advanced Strategies Tube Recommendations
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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web life of the cooler this is the preferred tube for operating temperatures up to 600 f the embedded fin also affords a continued predictable heat transfer and should be used for all coolers operating above 600 f and below 750 f the wrap on footed fin tube can be used below 250 f however the bond between the fin

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web introduction fin fan cooler is a kind of heat exchanger that uses the air for cooling medium it is required a wide surface area for heat transfer it is applied to finned tube for increasing the heat transfer surface and compact design of construction area and the process fluid can be cooled by the natural air it is not required a coolant

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web our large fan field erected units are available in bay sizes up to 70 feet by 54 feet and fan diameters up to 36 feet our modular design and construction expertise allows for fast and dependable field erection benefits of the large fan design include air cooled heat exchanger air heat exchanger heat exchanger

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web the air cooler bank essentially consists of finned tube bundles fan rings axial fans with suitable drive units and a supporting structure it can be equipped individually with maintenance platforms louvers and other equipment as requested by the customer

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induced or pulled with the data sheet paper and pen in hand head out and do a detailed visual