



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

Renanathan Rupa<sup>1</sup> Renganathan Prema<sup>1</sup> Palak Bhavesh Popat<sup>2</sup> Smita Manchanda<sup>3</sup>  
Kasi Venkatesh<sup>4</sup> Anuradha Chandramohan<sup>5</sup> Anbukani Subbian<sup>6</sup> Bharath Rangarajan<sup>7</sup>

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

<sup>2</sup> Department of Radiology, Tata Memorial Hospital, Mumbai, Maharashtra, India

<sup>3</sup> Department of Radiodiagnosis and Interventional Radiology, All India Institute of Medical Sciences, New Delhi, India

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

<sup>5</sup> Department of Radiology, Christian Medical College and Hospital, Vellore, Tamil Nadu, India

<sup>6</sup> Department of Gynecological Oncology, Koval Medical Center and Hospitals, Coimbatore, Tamil Nadu, India

<sup>7</sup> 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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new learning features that focus on applying research and thinking critically in when providing care to aging adults across the care continuum

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*Strategic Digest* ,1995

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**A Dictionary of Science, Literature, and Art** William Thomas Brande,George William Cox,1872

*Symptom-Based Diagnosis in Pediatrics (CHOP Morning Report)* Samir S. Shah,Stephen Ludwig,2014-01-03 A CASE BASED GUIDE TO PEDIATRIC DIAGNOSIS CONVENIENTLY ORGANIZED BY PRESENTING SYMPTOMS Symptom Based Diagnosis in Pediatrics features 19 chapters each devoted to a common pediatric complaint Within each chapter five to eight case presentations teach the diagnostic approach to the symptom The case presentations follow a consistent outline of History Physical Examination and Course of Illness and are followed by discussion of the Differential Diagnosis Diagnosis Incidence and Epidemiology Clinical Manifestations Diagnostic Approach and Treatment Cases are illustrated with vibrant full color photographs and include numerous tables comparing potential diagnoses

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*A Science of Infantry Tactics* Sir Basil Henry Liddell Hart,1926

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**Hazzard's Geriatric Medicine and Gerontology, 7E** Jeffrey B. Halter,Joseph G. Ouslander,Stephanie Studenski,Kevin P. High,Sanjay Asthana,Nancy Woolard,Christine S. Ritchie,Mark A. Supiano,2016-11-18 The gold standard text on the diagnosis and treatment of disorders affecting the elderly completely updated with a new full color presentation A Doody s Core Title for 2021 The definitive treatise on the subject of geriatrics this comprehensive text combines gerontology principles with clinical geriatrics offering a uniquely holistic approach to this ever expanding area of medicine Written by some of the world s most respected geriatricians Hazzard s Geriatric Medicine and Gerontology Seventh Edition presents up to date evidence based information in a rich new full color design Unmatched as a textbook this classic is also valuable to fellows in geriatric medicine Hazzards s Geriatric Medicine and Gerontology Seventh Edition is logically divided into five parts Principles of Gerontology Principles of Geriatrics Geriatric Syndromes Principles of Palliative Medicine and Organ Systems and Diseases Within its pages you will find balanced authoritative coverage of every essential topic from evaluation and management to nutrition and palliative medicine Here s why the Seventh Edition is the best edition ever NEW full color design with hundreds of color photographs NEW chapters Quality of Care in Older Adults Common Non Pain Symptoms in Older Adults Strategies of Effective Communication Around Advanced Illness Palliative Medicine in the Continuum of Care Including Hospice Coagulation Disorders and Plasma Cell Disorders MORE chapters on Palliative Medicine NEW Learning Objectives and Key Points added to each chapter MORE tables drawings and clinical algorithms EVIDENCE BASED through the use of the latest clinical practice guidelines references to systemic reviews and critically appraised topics UPDATED to reflect the most current clinical breakthroughs and advances for managing older adults in various settings

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