

Intrapleural Catheter (IPC) Management

Making Cancer History*

Disclaimer: This algorithm has been developed for MD Anderson using a multidisciplinary approach considering circumstances particular to MD Anderson's specific patient population, services and structure, and clinical information. This is not intended to replace the independent medical or professional judgment of physicians or other health care providers in the context of individual clinical circumstances to determine a patient's care.

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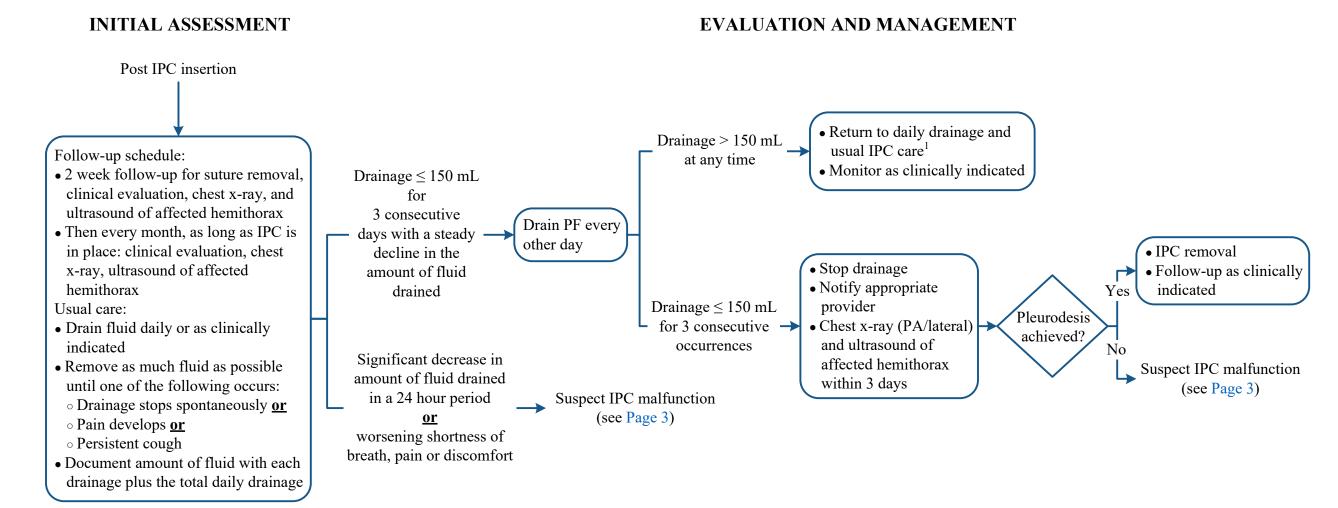
IPC = intrapleural catheter

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IPC = intrapleural catheter PF = pleural fluid

¹ Refer to Intrapleural Catheter Post Procedure Education: Pulmonary Medicine Patient

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INITIAL ASSESSMENT EVALUATION AND MANAGEMENT Suspected IPC Malfunction Lung re-expansion $\ge 80\%$ • IPC removal if pleurodesis has occurred with unchanged or • Follow-up as clinically indicated improved symptoms • Stop drainage Chest x-ray (PA/lateral) • Notify appropriate provider • Clinical evaluation and ultrasound of • Review daily fluid output affected hemithorax • Attempt to drain IPC • IPC removal if pleurodesis has occurred Absent or small • Follow-up as clinically indicated amount of PF CT chest without Lung re-expansion < 80% contrast Moderate or large amount of PF See Page 4 with or without loculation

IPC = intrapleural catheter PF = pleural fluid

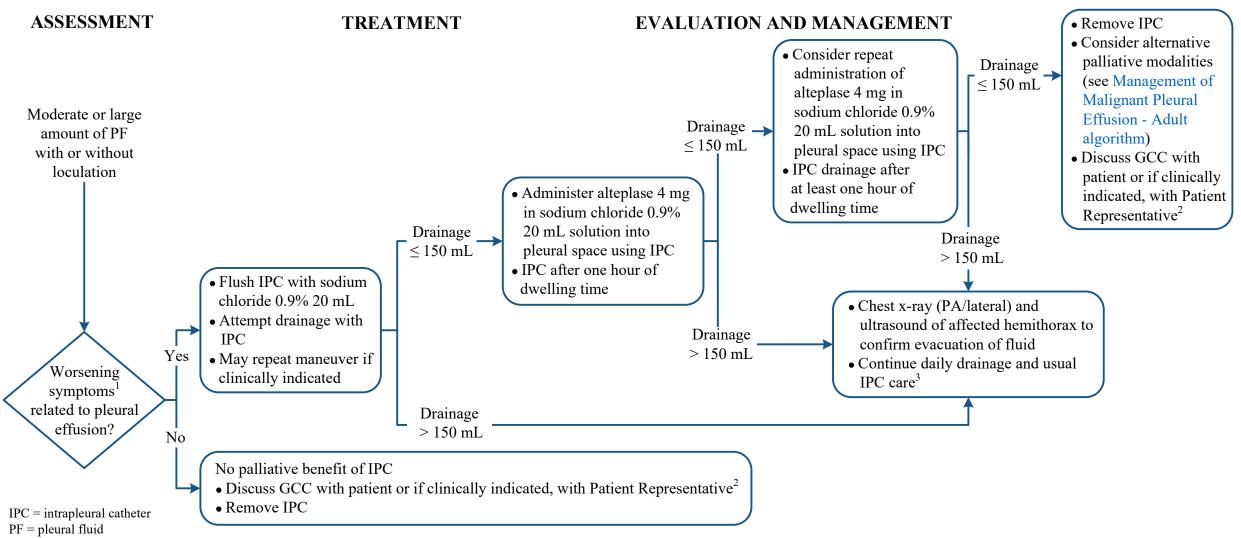
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rtPA = recombinant tissue plasminogen activators

¹ Symptoms may include dyspnea, chest pain/discomfort, or cough

² Goal Concordant Care (GCC) should be initiated by the Primary Oncologist. If Primary Oncologist is unavailable, Primary Team/Attending Physician to initiate GCC discussion and notify Primary Oncologist. Patients, or if clinically indicated, the Patient Representative should be informed of therapeutic and/or palliative options. GCC discussion should be consistent, timely, and re-evaluated as clinically indicated. The Advance Care Planning (ACP) note should be used to document GCC discussion. Refer to GCC home page (for internal use only).

³ Refer to Intrapleural Catheter Post Procedure Education: Pulmonary Medicine Patient

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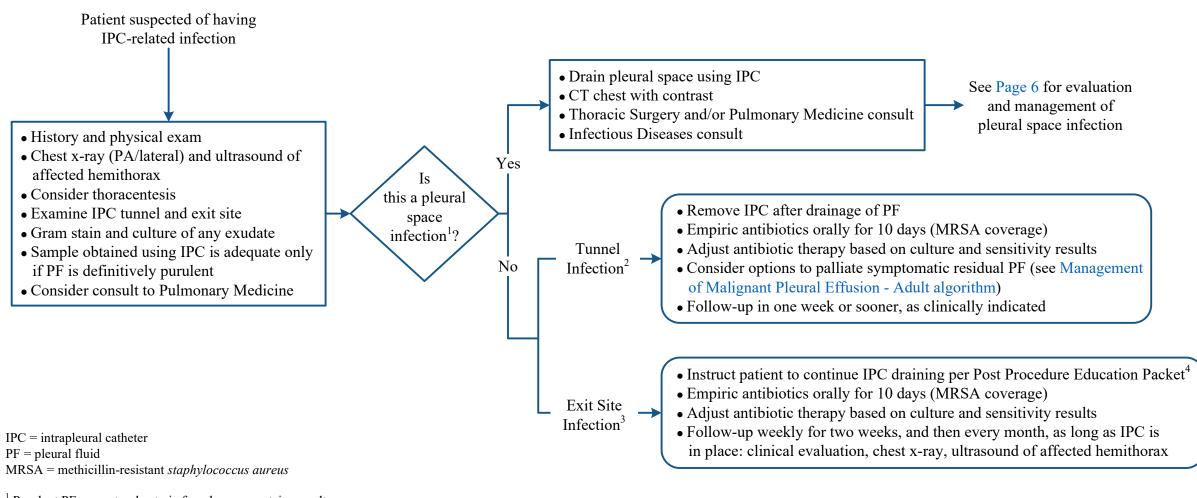
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INITIAL ASSESSMENT

EVALUATION AND MANAGEMENT



¹ Purulent PF present or bacteria found on gram stain or cultures

² Erythema, tenderness and induration overlying tunnel tract, extending > 2 cm from exit site

³ Erythema, tenderness and induration only at the IPC exit site

⁴ Refer to Intrapleural Catheter Post Procedure Education: Pulmonary Medicine Patient

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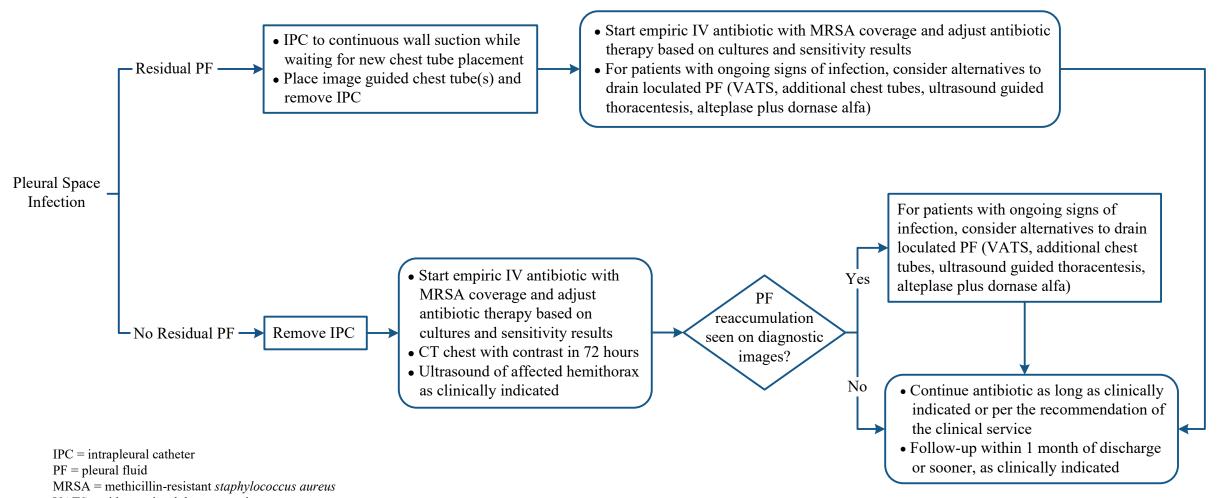
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EVALUATION

MANAGEMENT AND FOLLOW-UP



VATS = video-assisted thoracoscopic surgery

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DEVELOPMENT CREDITS

This practice consensus statement is based on majority opinion of the Pulmonary Department experts at the University of Texas MD Anderson Cancer Center for the patient population. These experts included:

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