



## PleurX® Catheter System

# Why do physicians choose PleurX? For their patients.

The PleurX® System is the clinically proven\* solution for management of recurrent pleural effusions and malignant ascites.

### Time-tested and clinically proven\*

- More than 13 years of clinical use<sup>1</sup>
- Outcomes published in 30 clinical journal articles\*
- Multi-specialty utilization (thoracic surgery, pulmonology/ interventional pulmonology, interventional radiology, oncology)

### Positive clinical outcomes for patients

- Spontaneous pleurodesis in up to 70% of patients with minimal pain and no hospitalization required<sup>2</sup>
- Rapid symptom relief
- Low infection rates (less than 2%)<sup>2,3</sup>
- Helps eliminate the need for hospital visits for repeat paracentesis or thoracentesis

### Easy for patients

- Patients can control their own drainage at home
- Active Vacuum Technology is safe, comfortable and quick; liberates patients from the tether of gravity drainage
- May be reimbursed by Medicare and many private insurance companies\*\*
- Can be utilized by home health and hospice
- Easy accessibility to a comprehensive patient support program<sup>†</sup>

Clinicians and their patients can have confidence in a solution that has been used for years by many of the top cancer institutions in the country.

**For more information visit our website or email us at [pleurx@cardinalhealth.com](mailto:pleurx@cardinalhealth.com)**



\* See the PleurX Clinical Reference list on reverse side.

\*\* Reimbursement is based on the details pertinent to each situation and may be subject to change. Contact your billing professional for more information.

† Extensive patient support materials available on the web at [www.cardinalhealth.com/pleurx](http://www.cardinalhealth.com/pleurx)

1 Tremblay A, Mason C, Michaud G. Use of tunneled catheters for malignant pleural effusions in patients fit for pleurodesis. *European Respiratory Journal* 2007; 30(4):759-62

2 Courtney AL, Nemcek AA. Efficacy and safety of the PleurX catheter when used to treat recurrent malignant ascites (abstract). *Journal of Vascular and Interventional Radiology* 2006; 17(2):S25

3 Rosenberg S, Courtney AL, Nemcek AA, et al. Comparison of percutaneous management techniques for recurrent malignant ascites. *Journal of Vascular and Interventional Radiology* 2004; 15:1129-31

**PleurX®**  
Catheter System

**800.653.6827**

**[cardinalhealth.com/pleurx](http://cardinalhealth.com/pleurx)**

# PleurX® Clinical References

1. Tremblay A, Mason C, Michaud G. Use of tunneled catheters for malignant pleural effusions in patients fit for pleurodesis. *European Respiratory Journal* 2007; 30(4):759-62
2. Stather DR, Tremblay A. Use of tunneled pleural catheters for outpatient treatment of malignant pleural effusions. *Current Opinion in Pulmonary Medicine* 2007; 13:328-333
3. Putnam JB, Light RW, Rodriguez RM, et al. A Randomized Comparison of Indwelling Pleural Catheter and Doxycycline Pleurodesis in the Management of Malignant Pleural Effusions. *Cancer* 1999; 86:1992-1999
4. Warren W, Kim A, Liptay M. Identification of clinical factors predicting PleurX catheter removal in patients treated for malignant pleural effusion. *European Journal of Cardio-Thoracic Surgery* 2008; 33: 89-94
5. Tremblay A, Michaud G. Single-center experience with 250 tunneled pleural catheter insertions for malignant pleural effusion. *Chest* 2006; 129:362-8
6. Musani AI, Haas AR, Seijo L, et al. Outpatient Management of Malignant Pleural Effusions with Small-Bore, Tunnel Pleural Catheters. *Respiration* 2004; 71:559-566
7. Courtney AL, Nemcek AA. Efficacy and safety of the PleurX catheter when used to treat recurrent malignant ascites (abstract). *Journal of Vascular and Interventional Radiology* 2006; 17(2):S25
8. Rosenberg S, Courtney AL, Nemcek AA, et al. Comparison of percutaneous management techniques for recurrent malignant ascites. *Journal of Vascular and Interventional Radiology* 2004; 15:1129-31
9. Warren W. Talc Pleurodesis for Malignant Effusions Is Preferred Over the PleurX Catheter (contrary position). *Annals of Surgical Oncology* 2007; 14:2698-9
10. Murthy SC, Okereke I, Mason DP, et al. A Simple Solution for Complicated Pleural Effusions. *Journal of Thoracic Oncology* 2006 Sep; 1(7):697-700
11. Brooks RA, Herzog TJ. Long-term semi-permanent catheter use for the palliation of malignant ascites. *Gynecologic Oncology* 2006; 101(2):360-2
12. Rosenberg SM. Palliation of Malignant Ascites. *Gastroenterology Clinics of North America* 2006 Mar; 35(1):189-99, xi. Review.
13. Burgers JA, Olijve A, Baas P. Chronic indwelling pleural catheter for malignant pleural effusion in 25 patients. *Ned Tijdsch Geneesk* 2006; 150:1618-23
14. Van den Toorn LM, Schaap E, Surmont VF, et al. Management of recurrent malignant pleural effusions with a chronic indwelling pleural catheter. *Lung Cancer* 2005; 50(1):123-7
15. Dikensoy O, Light RW. [Indwelling catheter for the management of malignant pleural effusions]. *Tuberk Toraks* 2005; 53(1):121-2
16. Lee YC, Light RW. Management of Malignant Pleural Effusions. *Respirology* 2004; 9(2):148-56
17. Serman D, Krukltis R, Lund M, et al. Pleurodesis for the Therapy of Malignant Pleural Effusions...Should It Be An Inpatient Procedure? Con: Inpatient Procedure. *Journal of Bronchology* 2003; 10(3):218-222
18. Ohm C, Park D, Vogen M, et al. Use of an indwelling pleural catheter compared with thorascopic talc pleurodesis in the management of malignant pleural effusions. *American Surgeon* 2003; 69(3):198-202
19. Brubacher S, Gobel BH. Use of the PleurX Pleural Catheter for the management of malignant pleural effusions. *Clinical Journal of Oncology Nursing* 2003; 7(1):35-8
20. Kakuda JT, Karamanoukian R, Grannis FW. The Utility and Safety of an Indwelling Catheter System (PleurX) to Manage Malignant Pleural Effusions. *Chest* 2002; 122(4):165s
21. Lackner RP, Knaupp JM, Graver LM. Use of the Denver Pleural Catheter for Management of Malignant Pleural Effusions. *Chest* 2002; 122(4):165
22. Pollack JS. Malignant Pleural Effusions: Treatment with Tunneled Long-Term Drainage Catheters. *Current Opinion in Pulmonary Medicine* 2002; 8(4):302-307
23. Putnam JB. Malignant Pleural Effusions. *Surgical Clinics of North America* 2002; 82(4):867-883
24. Iyengar TD, Herzog TJ. Management of symptomatic ascites in recurrent ovarian cancer patients using an intra-abdominal semi-permanent catheter. *American Journal of Hospice & Palliative Care* 2002; 19(1):35-8
25. Richard HM, Coldwell DM, Boyd-Kranis RL, et al. PleurX tunneled catheter in the management of malignant ascites. *Journal of Vascular and Interventional Radiology* 2001; 12(3):373-5
26. Pollack JS, Burdge CM, Rosenblatt M, et al. Treatment of Malignant Pleural Effusions with Tunneled Long-Term Drainage Catheters. *Journal of Vascular and Interventional Radiology* 2001; 12:201-208
27. Pien GW, Gant MJ, Washam CL. Use of an implantable pleural catheter for trapped lung syndrome in patients with malignant pleural effusions. *Chest* 2001; 119(6):1641-6
28. Putnam JB, Walsh GL, Swisher SG, et al. Outpatient management of malignant pleural effusion by a chronic indwelling pleural catheter. *Annals of Thoracic Surgery* 2000; 69:369-75
29. Smart JM, Tung KT. Initial Experiences with a Long-Term Indwelling Tunneled Pleural Catheter for the Management of Malignant Pleural Effusion. *Clinical Radiology* 2000; 55:882-884
30. Light RW, Rodriguez RM. Factors Predicting Spontaneous Pleurodesis in Patients with Indwelling Pleural Catheters. *European Respiratory Society Congress* 1998; P1603

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Lit. No. 2SP0653 (0108/7.5M)

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