

Materials List for:

Percutaneous Hepatic Perfusion (PHP) with Melphalan as a Treatment for Unresectable Metastases Confined to the Liver

Eleonora M. de Leede¹, Mark C. Burgmans², Christian H. Martini³, Fred G. J. Tijl⁴, Arian R. van Erkel², Jaap Vuyk³, Ellen Kapiteijn⁵, Cornelis Verhoef⁶, Cornelis J. H. van de Velde¹, Alexander L. Vahrmeijer¹

¹Department of Surgery, Leiden University Medical Centre

²Department of Radiology, Leiden University Medical Centre

³Department of Anesthesiology, Leiden University Medical Centre

⁴Department of Extracorporeal Circulation, Leiden University Medical Centre

⁵Department of Medical Oncology, Leiden University Medical Centre

⁶Department of Surgery, Erasmus MC Cancer Institute

Correspondence to: Alexander L. Vahrmeijer at a.l.vahrmeijer@lumc.nl

URL: <https://www.jove.com/video/53795>

DOI: [doi:10.3791/53795](https://doi.org/10.3791/53795)

Materials

Name	Company	Catalog Number	Comments
Delcath 2nd Generation Hepatic CHEMOSAT Delivery System	Delcath Systems Inc., New York, New York, USA	602001 and 602002	Item no. 1
Isofuse Isolation Aspiration Catheter (Double Balloon Catheter)	Delcath Systems Inc., New York, New York, USA		Item no. 1a
10F Venous Return Catheter	Delcath Systems Inc., New York, New York, USA		
Hemofiltration Cartridges	Delcath Systems Inc., New York, New York, USA		Item no. 1b
Circuit components	Delcath Systems Inc., New York, New York, USA		
Level-1 rapid fluid management system	Smiths Medical		Item no. 2
22 G arterial line	Arrow International Inc. / Teleflex Inc., Dublin, Ireland		Item no. 3
Vigileo, Monitor	Edwards Lifesciences Corp, Irvine, California, USA		Item no. 4
7.5F Triple lumen intravenous catheter, 20 cm	Vygon, Valkenswaard, Nederland		Item no. 5
5F sheath			Item no. 6
2.7 Progreat microcatheter	Terumo, Tokyo, Japan	MC-PP27131	Item no. 7
18F sheath			Item no. 8
Auto-injector Medrad Mark V ProVis	Bayer, Indianola, Pennsylvania, USA	Not available anymore, replaced by Medrad Mark 7 Arterion Injection System	Item no. 9
Melphalan	Alkeran, Aspen Pharmacare, Dublin, Ireland		Item no. 10
Heparin LEO, 5,000 IE/ml	LEO Pharma AB, Denmark		Item no. 11
Centrifugal pump	Medtronic, Minneapolis, Minnesota, VS		Item no. 12
Voluven colloid solution (6% hydroxyethyl starch 130/0.4 in 0.9% sodium chloride injection)		Item no. 13	
Iopromide 300, Ultravist	Bayer, Indianola, Pennsylvania, USA		Item no. 14

Detachable coil, Interlock	Boston Scientific, Marlborough, Massachusetts, USA		Item no. 15
Vascular plug, Amplatzer 4	St. Jude Medical, St Paul, Minnesota, USA		Item no. 16