



Instructions for Use

AD-Line™

High Pressure (HP) Lines

Description:

AD-Line™ High Pressure Lines are tubes for extending or connecting infusion / transfusion equipment. They are used commonly during angiography or other procedures requiring high pressure injections of contrast media or other liquids. The high-pressure tubing has Luer Locks at each end to ensure safe and easy connections to other products used in similar applications.

They are available in a variety of lengths and luer configurations as may be required in different situations. They can withstand pressures up to 1200 psi.

Indications for Use:

AD-Line™ High Pressure Lines are used during angiography or interventional procedures as a conduit to transmit contrast media. They can alternatively be used for blood transfusion and perfusion

Contraindications:

- None Known

Warnings:

1. Please read all packaging insert warnings, precautions, and instructions before use. Failure to do so may result in loss of blood and delay to the procedure.
2. Sterile by EO, Single Use: Do not reuse, reprocess or re-sterilize under any circumstance. Blood and other foreign material can collect in the inner parts of the product which cannot be removed.
3. Do not use if the packaging is damaged or opened unintentionally before use. This will lead to loss of sterility.
4. Rx Only. The products must be used by trained physicians
5. Connections should only be made with devices compliant to ISO 80369-7
6. The maximum pressure that the product will withstand is 1200 psi

Precautions:

1. Aseptic techniques must be used wherever possible, especially during removal from packaging.
2. The connection should be hand tightened, but not over tightened as that can lead to cracks which may cause an embolism.
3. Check products carefully to ensure there is no entrapped air which can lead to an embolism
4. Ensure the connection is secure as insecure connections can lead to air in the system which can cause an embolism

Instructions for Use:

1. Using aseptic technique, open the package containing the sterile HP Line.
2. Attach the female/male end of the HP line to a male/female luer connection of the catheter / injector or tubing as required.
3. Flush the tubing with saline to ensure there is no air trapped in the tubing at the time of making the second connection and subsequent injection

Disposal:

High Pressure Lines can be a biological hazard if disposed incorrectly. They should be disposed using recognised medical procedures and industry best practices. Local laws and regulations should be taken into account during disposal

Potential Complications / Adverse Effects













The clinical benefit of the product must be evaluated against the recognized risks and complications of the procedure which include but are not limited to:


- Air embolism.

Warranty and Limitations

Products are sold in 'as is' condition. The entire risk as to the quality and performance of the product is with the buyer. ALSPL disclaims all warranties, expressed or implied, with respect to its products, including but not limited to, any implied warranty of merchantability or fitness for a particular purpose. ALSPL shall not be liable to any person for any medical expenses or any direct or consequential damages resulting from the use of any product or caused by any defect, failure, or malfunction of any product, whether a claim for such damages is based upon warranty, contract, tort, or otherwise. No person has any authority to bind ALSPL to any representation or warranty with respect to its products.

Symbols Glossary

	Caution, Consult Indications for Use
	Date of Manufacture
	Do not re-use
	Do not use if package is damaged
	Sterilized using ethylene oxide
	Keep away from sunlight
	Batch code
	Catalogue Number
	Manufacturer
	Use-by date
	Keep dry
	Temperature Limit

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