

# Häst Mud Rescue System

The function of any mud rescue system is to break the suction that mud places on the patient during extraction. Mud often comes in one of two consistencies, either thin and watery, or thick and viscous. The Häst mud rescue system is designed to use either air or water. For thin and watery mud it is found that using air may be preferable. Thick mud often responds better by introducing pressurized water. In both cases, the lances should be directed down along the limbs to loosen the suction. A prominent tail should also receive considerable attention.

Valves are placed on both the manifold and at the end of the mud lances and Nicopolous Needle so that the flow can be controlled either by a single operator at the manifold or by individuals at the end of the lances. The hoses are colour coded so that there can be coordination between the operator at the lance and any personnel at the manifold.



Valves on both the manifold and mud lances



When using air in the system, “air restrictors” have been supplied. These are important and should be placed on the ends of the mud lances and/or Nicopolous Needle. If restrictors are not used, a single lance can “sandbag” the system and take all the available air with none of the other lances receiving enough pressure to be effective. The restrictors help balance the air supply so that all the lances and needle can receive an equal amount of the supply. Typical air pressure need not exceed 20-40 PSI, as the weight of water is only 0.5 PSI per foot of depth. Restrictors should NOT be installed if water is being used in the system.



Air restrictors (left)

Mud lance with restrictor (right)



For both water and air, it is preferable that the flow of water or air commence prior to introducing the lance or needle into the mud. This help prevents clogging of the nozzle even though it is designed to help minimize that happening with its four ports. Please do not hesitate to reach out there are any questions.

[rescue.hastpsc.com](http://rescue.hastpsc.com)

804-286-0832