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Re: Sole Source Criteria

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To Whom it may concern,

The University of Mississippi Medical Centre has owned an ArthroS Virtual Reality simulator for training since January 2015. This simulator allows for training of various orthopedic, urology and OB/GYN procedures and techniques in a safe and realistic environment allowing trainees to acquire and improve their skills before performing surgery on a live patient.

The simulator is unique in the market place as it combines the rubber model of each relevant discipline with the benefits of virtual reality. The rubber model provides immediate and realistic feedback as opposed to any sort of robotic devices. The simulator also incorporates adapted original instruments, another feature that is not available on any other simulator. These features as well as the engine that generates the photo realistic graphics needed to ensure the realism of the system are all under IP protection and proprietary to VirtaMed AG. The equipment is required by UMMC to ensure adherence to residency program guidelines and also to allow for the best possible training of residents and fellows in the respective fields.

Through the extension of the warranty program multiple aspects of the simulator are covered and kept up to date. Any damage to any physical equipment is covered and this equipment will be immediately replaced by VirtaMed. Any updates required to the framework of the programs and any additional content developed during the warranty period have been and will be provided free of charge. On site maintenance and training can be requested.

VirtaMed AG is the unique provider of this equipment and has no vendor or third party companies that provide this equipment to the hospital training market in the USA. All sales and support functions are done directly with VirtaMed and it's sister entity in the USA: VirtaMed Inc. Training on use and repair of the simulator has only been provided to VirtaMed employees and as such only VirtaMed employees can provide the level of service UMMC has requested and used over the past 2.5 years.

If you have any further questions or comments please don't hesitate to contact me.

Kind regards,


Rick Hoedt
EMP Business Development, VirtaMed AG