

**For the prevention of movement during
MRI EXTREMITY & INFANT IMAGING
using VACUUM IMMOBILIZATION**

OPTIMAL FIRST TIME IMAGES

The unique patented Multi-Chamber System that makes up the interior of the MedVac vacuum splints makes them ideally suited for Magnetic Resonance Imaging. Thin, flexible, easy to use, and very stable, the patient is comfortably stabilized during the scan resulting in optimal first time images.

It is crucial that for a quality examination, the patient must be in the absolute idle position of the joint to be scanned. Until now, this total motionlessness was very difficult for the patient to accept and maintain. The result has been the need to repeat the scanning procedures leading to an increase in the time needed for the examination.



- *No movement*
- *No repeat scans*
- *Optimal first time images*
- *Quick and easy patient positioning*
- *Rapid fixation*
- *Ease of use for the technologist (RT) (R)*
- *Increased patient comfort*
- *Increased throughput*
- *Rapid pay-back*
- *Increased Return On Your MRI Investment*

Knee scan



Ankle scan



Hand/Wrist scan



Foot scan. Coil and foot wrapped up in the splint.



Knee scans in very narrow coil



Infant scanning



Test Study at The Diagnostik Zentrum Graz in Austria

During the first months of usage of the MedVac vacuum aids, the clinic was able to reduce the number of repeat scans necessary due to patients movements to nearly zero. The time saved through this improved situation allowed scanning of **additional 2 to 3 patients per day**, per scanner, resulting in reduced waiting and increased profitability. The clinic is currently using the MedVac vacuum splints routinely for all scans of joints.

Features of the MedVac vacuum immobilization splints for MRI imaging help increase your efficiency and your daily throughput:

Easy to use:

- The chambered beads are positioned in the right place, resulting in quick application
- Very thin to fit most coils
- The vacuum valve closes automatically after air has been evacuated
- Easy to clean
- The electric pump can be easily installed in an adjoining room

Patient comfort:

- Patient is comfortably supported and immobilized
- Soft as silk on the patient skin
- Excellent insulation properties keep infant warm

Results:

- No movement; optimal first time images
- Increased throughput; more patients per shift
- Increased return on your MRI investment

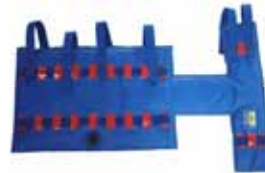
**Arm splint
VMR14PUBB**



**Leg splint
VMR21PUBB**



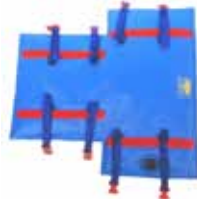
**Knee splint
for narrow
coils
VMR34PUBB**



**Knee splint
VMR30PUBB**



**Hand/Wrist/
Foot splint
VMR31PUBB**



**Child Splint
VMR38X01**



**Ankle splint
VMR32PUBB**



**Electric Pump
EP01**



**Infant splint
VMR33PUBB**



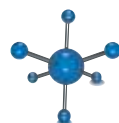
**Manual Pump
29-6899**



**Infant Splint Upgrade to
Velcro Straps
27031**



**Replacement Head &
Chin Straps
27030**



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