

# Quantification of Cerebral Perfusion using Laser Speckle Imaging and Infarct Volume using MRI in a Pre-clinical Model of Posterior Circulation Stroke

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## Materials

Name	Company	Catalog Number	Comments
2% 2,3,5-triphenyltetrazolium chloride (TTC in PBS, pH 7.4)	Sigma Aldrich	T8877	
EDTA K3 vacutainers	Becton Dickinson	BD455036	
Eosin	Surgipath	3801602	
Formalin, neutral buffered, 10%	Richard-Allan Scientific	5701	
Hematoxylin 560	Surgipath	3801570	
HUG-U-VAC positioning system	DRE Veterinary	1320	
LabChart Software	ADInstruments Inc.		
Laser Speckle Imaging camera	Perimed Inc., Jarfalla, Sweden	PeriCam PSI HR System	
Lithium heparin vacutainer, 4.5%	Becton Dickinson	BD 368056	
Matlab	The MathWorks, Inc., Natick, MA		
OsiriX MD v.5.0 software	Pixmeo Inc, Geneva		
Paraformaldehyde 4% in PBS	Alfa Aesar	AAJ61899AP	
PimSoft v1.4 software	Perimed Inc.	software that accompanies LSI equipment	
Prisma Fit 3 tesla (3T) magnet	Siemen's Diagnostics		
Sodium heparin for injection (to coat blood gas syringe)	NovaPlus	402525D	