



**School of Medicine
and Public Health**

UNIVERSITY OF WISCONSIN-MADISON

Scout Parameter Guidance

Copyright © 2026

REF Rev: 7.0



Manufacturer:
School of Medicine and Public Health
University of Wisconsin-Madison
610 Walnut Street
Madison, WI 53726

Manufactured in USA

Scout Parameters

When performing scout scans, the kV used must be set to the same kV as the CT scans for the auto mA / smart mA to operate optimally. There are two exceptions to this rule:

1. After a scout scan, it may be determined that the CT scan should be performed at a kV that is 20 kV higher than the scout scan. That is acceptable since the scanner is able to make approximate corrections for small changes in kV.
2. The CT scans following the scout may be made at 2 different kV settings according to protocol. Then the scout should be performed at the lower kV setting.

These are the only situations in which a CT scan may be performed at a kV different from the scout kV.

If 2 scouts are performed they should be performed in the following orientations and order: First scout at 180° (PA); Second scout at 90° (Lat)