

	<b>HOSPITAL SULTAN ABDUL AZIZ SHAH</b> <b>UNIVERSITI PUTRA MALAYSIA</b> <b>Document Code: HSAAS/RADIO/AK27</b>
	<b>WORK INSTRUCTION FOR CONTRAST MEDIA EXTRAVASATION MANAGEMENT</b>

## 1.0 PURPOSE

This work procedure is to provide a system or flow for extravasation management happening in the Radiology Department and ensure appropriate actions are undertaken in cases of extravasation of contrast media.

## 2.0 TERMINOLOGY

HSAAS	: Hospital Sultan Abdul Aziz Shah
MO	: Medical Officer
MA	: Medical Assistant
SN	: Staff Nurse

## 3.0 GUIDE

No	Activity	Action
1.	Provide IV access (for hand or mechanical injection) prior to injection of IV contrast.	MO / MA / SN
2.	Careful preparation of contrast media and power injector.	Radiographer
3.	Patency test.	MO / MA / SN
4.	Administer and supervise the injection of contrast media.	MO / MA / SN
5.	Stop the scan and injection (if using a power injector) if extravasation is suspected.	Radiographer
6.	Notify the MO / MA / SN if extravasation is suspected.	Radiographer
7.	Slowly remove the intravenous needle while aspirating gently.	MO / MA / SN
8.	Mark the affected area and the site of measurement of the affected limb.	MO / MA / SN
9.	Manage the extravasated site accordingly.	MO / MA / SN
10.	Documentation in PutraHIS-HSAAS / patient's note <ul style="list-style-type: none"> <li>- Location</li> <li>- Radiograph &amp; type of extravasation (optional)</li> <li>- Amount of contrast</li> <li>- Patient's symptoms &amp; clinical findings</li> <li>- Severity of extravasation</li> <li>- If requires: observation / referral / admission</li> <li>- Radiology personnel involved</li> </ul>	MO / MA / SN
11.	Fill up the Patient Safety Incident Reporting (IR)	MO



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**WORKFLOW OF WORK INSTRUCTION PROCESS**

