

## Evaluation of Graseby MS16A and MS26 Syringe Drivers

<b>Health Board Area</b>	
<b>Establishment</b>	
<b>Department</b>	
<b>Date of Evaluation</b>	
<b>Signature of Evaluator</b>	

No	Statement	Evidence	Met	Not Met	Comments
1	All clinical areas have access to the <b>Graseby MS16A and MS26 Syringe Driver Instruction Manual</b>	Access will be demonstrated in each clinical area			
2	All clinical areas have access to Local guidelines for the use of the Graseby MS16A and/or MS26 syringe driver	Access will be demonstrated in each clinical area			
3	Local guidelines will contain information on the setting up, use, problem solving and hazard warnings of a syringe driver	<p>There is information contained within the above guideline on:</p> <ul style="list-style-type: none"> <li data-bbox="703 576 1485 608"><b>i</b> indications for using a syringe driver</li> <li data-bbox="703 608 1485 639"><b>ii</b> equipment required</li> <li data-bbox="703 639 1485 671"><b>iii</b> filling the syringe</li> <li data-bbox="703 671 1485 703"><b>iv</b> setting the rate</li> <li data-bbox="703 703 1485 735"><b>v</b> priming the line</li> <li data-bbox="703 735 1485 767"><b>vi</b> attaching the syringe to the driver</li> <li data-bbox="703 767 1485 799"><b>vii</b> choosing the site</li> <li data-bbox="703 799 1485 831"><b>viii</b> inserting the battery</li> <li data-bbox="703 831 1485 863"><b>ix</b> starting the infusion</li> <li data-bbox="703 863 1485 895"><b>x</b> the boost button</li> <li data-bbox="703 895 1485 927"><b>xi</b> guidance on managing hazard warnings</li> <li data-bbox="703 927 1485 959"><b>xii</b> problem solving</li> </ul>			
4	Local guidelines will contain information on the details to be recorded of preparation and commencement of the syringe driver	<p>There is information contained within the above guideline on recording of:</p> <ul style="list-style-type: none"> <li data-bbox="703 1102 1485 1134"><b>i</b> date</li> <li data-bbox="703 1134 1485 1166"><b>ii</b> time</li> <li data-bbox="703 1166 1485 1198"><b>iii</b> battery status</li> <li data-bbox="703 1198 1485 1230"><b>iv</b> fluid length in syringe in mm before priming</li> <li data-bbox="703 1230 1485 1262"><b>v</b> rate setting</li> <li data-bbox="703 1262 1485 1294"><b>vi</b> drug name(s) and batch number(s)</li> <li data-bbox="703 1294 1485 1326"><b>vii</b> diluent name and batch number</li> <li data-bbox="703 1326 1485 1358"><b>viii</b> medical physics reference number on syringe driver</li> <li data-bbox="703 1358 1485 1390"><b>ix</b> signature(s) of person(s) preparing &amp; checking</li> </ul>			

**DRUGS IN THE SYRINGE DRIVER**

No	Statement	Evidence	Met	Not Met	Comments
5	Drug information guidelines of drugs commonly used in syringe drivers are accessible to pharmacy and all clinical areas.	Access to Drug information guidelines demonstrated in: i all clinical areas ii pharmacy department			
6	There is a protocol for the prescribing of drugs to be used via a syringe driver.	A local prescribing protocol will be provided as evidence.			
7	The drug information guidelines should contain information on suggested dosage ranges and indications for use of drugs via a syringe driver.	There is information within the document on: i dosage range ii indications for use of drugs			
8	The drug information guidelines should contain details of drug combinations which can be used via a syringe driver including concentration and stability details,	There is information within the document on: i drug combination recommendations ii concentration (weight/volume) iii stability			
9	There is a protocol on action to be taken in the event of an adverse incident.	Protocol will be provided as evidence			

**SYRINGE DRIVER EQUIPMENT**

No	Statement	Evidence	Met	Not Met	Comments
10	Only one type of syringe driver is available within any care setting.	Syringe Drivers used within setting:  MS16A  MS26			
11	Equipment purchasing policies should ensure that only the appropriate type of syringe driver is purchased	Purchasing policy will be provided and examined for this information.			
12	System is in place to ensure equipment is serviced to manufacturer's guidelines and servicing is up to date.	Servicing policy/protocol will be provided as evidence.  Records will demonstrate that all drivers have been serviced to manufacturer's guidelines			
13	The syringe driver is monitored during use to ensure it is working correctly	This documentation has space for recording the following information re status / problems			
		i date of check			
		ii time of check			
		iii rate setting			
		iv solution (in mm) remaining in syringe			
		v distance (in mm) travelled since last check			
		vi battery light flashing			
		vii infusion site reactions			
		viii solution appearance (syringe and tubing contents)			
		ix anticipated progress i.e. is infusion running to time x amount (in mm) discarded and signature(s) if infusion is stopped before contents of syringe have run through to completion			
14	There is guidance as to what action is to be taken in the event of malfunction.	A protocol will be provided as evidence			

<b>STAFF TRAINING</b>					
<b>No</b>	<b>Statement</b>	<b>Evidence</b>	<b>Met</b>	<b>Not Met</b>	<b>Comments</b>
<b>15</b>	A record of staff training is kept	Training record will be provided			
<b>16</b>	All staff involved with syringe drivers undergo a training programme covering all aspects of the use of syringe drivers and information on the drugs commonly used within 6 weeks of commencement of employment	Training record will be examined for record of all members of staff training			
<b>17</b>	Yearly syringe driver training update is provided	Training record will be examined for record of all members of staff training			
<b>18</b>	Yearly syringe driver training update is mandatory	Training programme will be provided			
<b>19</b>	Written information leaflet on the use and purpose of syringe drivers is available for patients and carers.	Leaflet will be produced and examined			

Reference:

1. The Scottish Office Home and Health Department. The Management of Infusion Systems. 1995.