



SOP 5.3 RISK MANAGEMENT OF BROKEN NEEDLES

★ CRITICAL CONTROL POINT

This standard operating procedure (SOP) can be used as a template.
If you develop your own version, all required elements must be included.

PID#:

Site Manager: Person in charge:

PROTOCOL

Designated personnel must follow this protocol every time injections are administered.		Applied On-Farm	Importance
Measures used on-farm to prevent and manage the risk of broken needles:			
1	The Site Manager must ensure the personnel in charge of this protocol are adequately trained.	<input type="checkbox"/>	Mandatory
2	Use only detectable needles.	<input type="checkbox"/>	
3	Use appropriate size and gauge of needles (see SOP 5.2 Needles and Injections).	<input type="checkbox"/>	
4	Use the appropriate restraint method according to the stage of production.	<input type="checkbox"/>	
5	Use the appropriate injection-site and method according to the given medication or vaccine. Note the method of injection used on Treatment Record (R-T).	<input type="checkbox"/>	
6	Inspect needle for damage after each injection.	<input type="checkbox"/>	
7	Immediately dispose of bent, dull or burred needles in an adequate container.		
8	<i>Other good production practices:</i> _____ _____	<input type="checkbox"/>	Highly recommended

DEVIATION MEASURES

What happens if something goes wrong? If an error occurs, designated personnel must take the following corrective actions.		Applied On-Farm	Importance
1	Mark and segregate the animal immediately.	<input type="checkbox"/>	Mandatory
2	When possible, while respecting animal welfare, immediately remove the needle fragment and make sure you have retrieved the entire broken section of the needle.	<input type="checkbox"/>	
3	When a pig has, or is suspected to have, a broken needle fragment, identify it with a permanent mark. a. <i>Describe the method of identification:</i> _____ _____	<input type="checkbox"/>	
4	Alternatively, euthanize the animal using the appropriate method (see SOP 7.10 Euthanasia).	<input type="checkbox"/>	
5	Inform the Site Manager (follow slaughterhouse or marketing agency requirements).	<input type="checkbox"/>	
6	Record all broken needle incidents on the Treatment Record (R-T).	<input type="checkbox"/>	
7	If the pig is shipped, the broken needle fragment must be recorded on the Swine Movement Document (R-G).	<input type="checkbox"/>	
8	Inform the slaughterhouse, transporter, and marketing agency about the broken needle fragment.	<input type="checkbox"/>	
9	When such incidents occur, the Site Manager must review proper injection techniques with designated personnel.	<input type="checkbox"/>	
10	Record the deviation on an Incident Report (R-2) and record when adequate corrective actions were implemented.	<input type="checkbox"/>	

LEVELS OF NON-COMPLIANCE FOR CRITICAL CONTROL POINT

- Minor:** The corrective action must be completed within 60 days.
- Major:** (prior to shipping pigs): The corrective action must be completed within 30 days.
- Critical:** The corrective action must be completed within 24 hours.

VERIFICATION MEASURES

Designated personnel must complete the following verification measures: <i>Anyone who has completed PigSAFE training can be designated to complete the verification measures.</i>		Applied On-Farm	Importance
1	Annually verify that all broken needle incidents have been entered in the Treatment Record (R-T).	<input type="checkbox"/>	Mandatory
2	Observe the person in charge of the SOP to ensure the methods followed comply with the written SOP.	<input type="checkbox"/>	
3	Complete, sign and date the Verification Record (R-1) once a year.	<input type="checkbox"/>	

RECORDS

Name of Record		Importance
R-B	Training Record	Mandatory
R-G	Swine Movement Document	
R-M	Mortality Record	
R-T	Treatment Record	
R-1	Verification Record	
R-2	Incident Report (if applicable)	
R-3	Corrective Action Request (if applicable)	
R-4	Monitoring Record	Highly recommended
R-U	Emergency Contact List	

