**Forensic Science**

**Crime Scene: Collecting Evidence—The Guidelines**

**Directions: Follow this link:** [**http://www.crime-scene-investigator.net/csi-collection.html**](http://www.crime-scene-investigator.net/csi-collection.html)**. Read each section carefully and complete the following worksheet as you read.**

**Blood Stains**

1. Blood that is in liquid pools should be picked up on a gauze pad or other clean sterile cotton cloth and allowed to air dry thoroughly, at room temperature. It should be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_ as soon as possible and brought to the Laboratory as quickly as possible. Delays beyond \_\_\_\_\_\_\_\_\_\_ hours may make the samples useless.
2. If not completely dry, label and roll in paper or place in a ­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or box and seal and label container. Place only one item in each container. Do not use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. On large solid objects, cover the stained area with clean paper and seal the edges down with tape to prevent loss or ­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. If impractical to deliver the whole object to the Laboratory, scrape the stain onto a clean piece of paper, which can be folded and placed in an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Do not scrape directly into evidence envelope. Scrape blood from objects using a freshly washed and dried knife or similar tool. Wash and dry the tool before each stain is scraped off. Seal and mark the envelope.

**Seminal Stains**

1. Seminal stains are often, but not always, found on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Allow any stains to air dry, wrap in paper, and package evidence in paper bags. Do not use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. For \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the victim should always be examined by a physician. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is used to collect evidence from the victim. It is very important that the instructions on the kit be followed with care in order to gain the greatest benefit from the collected evidence.
3. Label \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ such as undershorts, panties, or other exhibits and package each garment \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Hair**

1. Recover all hair present. If possible, use the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to pick up hair, place in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or coin envelopes which should then be folded and sealed in larger envelopes. Label the outer sealed envelope.
2. If hair is attached, such as in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or caught in metal or a crack of glass, do not attempt to remove it but rather \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on the object. If the object is small, mark it, wrap it, and seal it in an envelope. If the object is large, wrap the area containing the hair in paper to prevent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ during shipment.
3. A total or ­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is desired. Do not cut the hair. This same method may be used to collect hairs from other parts of the body. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are required. When the person is a suspect, hair should be gathered from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ even though there may only be an interest in hair from the head at that particular time.

**Fibers and Threads**

1. Such evidence is often found in fabric \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or caught in torn materials or other areas on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ vehicles. In some \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, it may be found caught in torn screens, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, or other locations.
2. Examination of fibers can normally be conducted to determine the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of fiber. Such examinations will sometimes indicate the type of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from which they originated.
3. Fibers and threads can also be compared with suspects \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to determine whether or not they could have come from this clothing.

**Latent Fingerprints**

#### Marking of Latent Fingerprint Evidence

1. All such evidence should be marked in some distinctive manner, such as is the case with any other type of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Precautions should be taken, when marking evidence, not to \_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ potential latent fingerprints.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ latents should also be marked or sealed in marked \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ latents with and without identifying markings and \_\_\_\_\_\_\_\_\_.

**Preservation of Fingerprint Evidence**

1. The primary precaution in all cases is the prevention of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ fingerprints to evidence, or of destroying those already present.
2. Most fingerprints submitted will be on \_\_\_\_\_\_\_\_\_\_\_\_\_, glass, \_\_\_\_\_\_\_\_, or other smooth surfaced objects. When articles containing latents must be picked up, touch as \_\_\_\_\_\_\_\_\_\_\_\_\_ as possible, and then only in areas least likely to contain identifiable latents, such as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. While \_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ may be used to pick up such exhibits, any unnecessary contact should be avoided. Although using a cloth to pick up exhibits prevents leaving additional prints on the articles, the cloth will frequently \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_ any prints originally present, unless great care is taken.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ containing latent prints should be placed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in a cellophane or manila envelope. Such a container can be sandwiched between two sheets of stiff cardboard, wrapped, and placed in a box for mailing.