Hair and Fibers Analysis

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**Introduction**

Hair and Fiber are two major resources in Forensic Sciences that are responsible for providing certain clues in order to identify an assailant or the attacker. These two resources are also significant because they are available at every crime site and it can be one of the major resources of getting information regarding crime scene (Csaba, 2019). These samples are collected in the form of tubes, vials and seal bags.

**Discussion**

In accordance with the case that was reported and resolved in 2013, it is highlighted how fibers and hair can play a major role in identifying the criminal. George Perrot was imprisoned for thirty years because it all happened because of a single hair. George was involved in assault in which 78-year-old woman was assaulted by a burglar in her home. There was no physical evidence that could give any clue about the incident (Pilkington, 2015). Moreover, there was no chance to do a conclusive DNA test. The assumed culprit was in totally different attire as compared to the sketch of criminal that the old women saw. A strand of hair was found on the bedsheet and it was the only evidence that the FBI was left with. According to the FBI agent, *that hair found on bedsheet exhibit same microscopic arrangement was the same as that of Perrot.* At the lab report level, fibers and hair play a significant role in knowing the culprit because there are numerous cases that are closed because of lack of physical evidence (Pilkington, 2015). Moreover, it is one of the significant strategies that can help to find the actual criminal because every individual has a different alignment and composition of hair. I would not be wrong to say that this approach is one of the successful attempts in criminology because it defies all fake evidences a prevent case from being ignored because of the lack of evidence (Pilkington, 2015).

Three women were assaulted by a man who was wearing a ski mask. Three of the women were abducted from three different places. During the investigation, the officers found a small paring knife along with a roll of duct tape and a ski mask in the truck (Postcrescent.com, 2019). The criminal denied to accept the plea and it resulted in a case with no way out. In case of three of women, the fiber samples were found in the garments of one lady, tape that was found on the boy of the lady and in third women, the same fibers were found in the nails (Postcrescent.com, 2019). As the criminal was masked and there was a lot of gap in the three cases so it was much hard to reach to a hard conclusion that could help to find the criminal. In the end, FBI tried to match the fibers. After lab investigation, it was found that the hair is fibers of the mask and they were fake but it lead to a dimension that connected three cases. FBI searched for the criminal records to find a criminal who used to wear a mask and then the protein fibers of the real hair were also found from the mask that helped to find DNA sample (Postcrescent.com, 2019). The sample was matched with the criminal database as well as the hair of the suspects and it matched with the hair of the suspect. In this case, without fibers there would be no way out to reach the criminal and the success of three cases was dependent on the fibers (Postcrescent.com, 2019).

**Conclusion**

In both cases, it can be found that without lab analysis of fibers and hair there would be no resolution of the cases (Csaba, 2019). I realized that although other evidences are necessary, still one of the significant roles is played by fibers and hair because there is no option of manipulation.

References

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