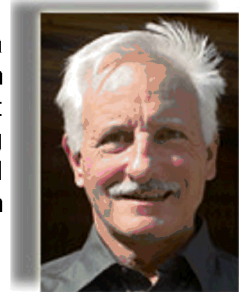




GROUND CONDITIONING BY MICRO PARTICLES

The SOKKS method is a real revolution in the canine training. It was issued in 1997 from a collaboration between Professor Dr Wolf Kafka (1939), neurophysician and researcher on odors since 1970, canine instructors of the German police force and veterinaries. The target was to finally find an method adapted to the dog instead of always wanting to adapt the dog to a method. After long research, the German professor, succeeded in selecting and extracting the basic molecules of various odors which he then fixed, by a chemical process, on sterile and odourless sticks (tubings).



Previously, dogs were conditioned to detect precise substances (drugs, explosives, ...) starting from samples of real products. This method was not very precise because the samples were often impure, issued from unknown conception and contaminated by other products. Dog had so an approximative idea of the product. The great difference with the SOKKS method, is the dog is now confronted no more with approximative odors but to real and basic molecules. Moreover, to not overbook the olfactive system of the dog, who examines each molecule that he breathes, only the essential molecules needed to identify each product are fixed on the tubings. They are real molecules and no synthesis products. Because of that, the dog creates a particularly precise, stable and especially intact "olfactive hard disk".



here you can see that each molecule has an extremely, specifies and single form. With the SOKKS method, we deeply simplify the dog work of storing odors in his olfactive repertory

Let us take the example of cocaine. Previously, dogs were conditioned to detect this drug by smelling sample of cocaine. Unfortunately, the odor was often soiled by contaminations from other substances. Logically, dogs created a reference compared to this mixture of odors. With the SOKKS method, dog are confronted to precise molecules issued the basic chemical composition of cocaine. Depending the place or the way it will be conceived, cocaine will undergo modifications. In particular compared to cut-backs, packing and the various external contaminations. However, while having recorded the basic molecule of cocaine, the dog conditioned with SOKKS will be able to detect it because the basic chemical composition will be always the same.

This is why the K-9 Unit of the State of Vaud acted as pioneer in Switzerland while choosing the micro conditioning method SOKKS in the summer 2004. Now, all dogs starting a specialization instruction (narcotics, explosives, CSI, fire) are conditioned with the mirco procedure on molecules SOKKS. The dogs formed before 2004 were optimized with SOKKS during the autumn 2004. The statistics show that these canines increased their capacity of detection of 28 %! Currently, in Switzerland, almost every cantons also adopted this method. Elsewhere, here are countries which also work with :

Germany (State Police, Army) [_>](#)

Austria (Federal Police, Army, Boarder patrols) [_>](#)

France (Police nationale Paris, Sécurité civile Déminage) [_>](#)

Italy [_>](#)

Liechtenstein [_>](#)

Canada [_>](#)

United States [_>](#)

Australia [_>](#)

England [_>](#)

Belgium (Federal Police) [_>](#)



[Read the Belgium experience _>](#)

SOKKS system is developed in following products



- [Narcotics _>](#)
- [Explosives _>](#)
- [CSI \(Dead bodies and blood\) _>](#)
- [Human blood _>](#)
- [Acceleratings of fire scenes _>](#)
- [Avalanches _>](#)
- [Currencies _>](#)

The SOKKS method offers many other advantages for the dog. For example, tubings do not release odor. The dog cannot help himself of the flow of odors. He is forced to use his resources to 200 % and to check all the possible places to be able to detect them. He develops spontaneous a systematic in the search and become much more precise. Previously, there was the risk to pass beside certain products, like pellets of cocaine, because the dogs worked with the flow of odor and was approximative, because these pellets release only one negligible odor. He could sometimes passed close to without marking them. With SOKKS, the dog has definitely more chance to detect them.

One other advantage is all the products we want the dog is able to detect are fixed on each tubing. For example, in narcotic search, all basic molecules of all known drugs are fixed on same tubing. It's a hudge sparing of time in the formation because we don't have to repeat the exercice for each products. The dog will assimilate them all in once.



In the conditioning steps, tubings are introduced thoroughly, by avoiding any contamination, in a toy (bringse), which are bored of holes so that the dog can aspire the molecules while playing. The key to success of the formation are cleanliness and rigour



WARNING



SOKKS-MPTS are not products of synthesis. They are real molecules. They are reserved exclusively for the use of the official departments, such as Police, Boarder Patrols and Army, and having competences and accreditations of investigations and handling of drugs or explosives. Concerning forensic SOKKS-MPTS (CSI - accelerating of fire - currencies), they are reserved exclusively for the departments of State which have competence to do criminal investigations. Any person or organization who does not meet these conditions and which tries to get or buy SOKKS-MPTS, is exposed to penal and civil procecuton and will be denounced at the authority.

In add SOKKS-MPTS will not be delivered to people not having followed, successfully, the course of handling, this to guaranty the correct use and the credibility of the product.

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