An innovative solution to pre-hospital emergency anaesthesia
The Adult SCRAM® Bag

The Adult SCRAM® Bag
(Structured CRitical Airway Management)
Emergency Airway Bag providing a structured approach to airway management, when getting it right first time really matters.

It forms a system of advanced preparation and organisation of equipment and drugs; promoting the delivery of safe, timely, and well-governed pre-hospital emergency anaesthesia.

Features include:
• A structured, reproducible approach to airway management
• Stencilled kit dump standardises layout and allows efficient pre-stocking
• Integrated kit dumps, reduces time to prepare for the intervention, reduces the risk of error and reduces cognitive load
• Weatherproof - won’t blow away, portable and easy to use
• Basic Airway and Rescue Adjuncts
• Ability to have drugs for emergency, anaesthesia readily available.

For more information and purchase options visit www.shil.co.uk/scram

“The effectiveness and speed of potentially lifesaving pre-hospital airway management can significantly impact the outcome of critically ill or injured patients. The SCRAM bag was inspired by my experience working with the air-ambulance service attending accidents and emergencies in the pre-hospital setting.”

Paul Swinton, Air Ambulance paramedic with the Scottish Ambulance Service and co-inventor
SCRAM 2.0... an improved model

micrAgard® An FDA approved high tenacity system with exceptional mechanical properties. It is durable, anti-bacterial, fire-retardant and wipe clean, with improved chemical, oil, and abrasion resistance and upgraded protection from external temperature changes.

- **Improved zip technology** – YKK water resistant zip with T-Shaped easy pull lockable sliders allowing the bag to be checked, stocked, and sealed ready for use.
- **Higher contrasting colours** - reduce cognitive load and draw attention to the ‘working’ kit dump.
- **Secure storage** – improved storage of Laryngoscopes, HEM filters, pre-filled syringes for RSI, and rescue devices.
- **New surgical kit dump** - pull-out panel rapidly deploys the surgical, weighted airway kit dump. Once deployed it offers a “clean slate” to work off and its colour clearly indicates a change in approach from the previous attempt at intubation. It can be set up overlaying the original kit dump or easily removed from its velcro attachment to set up a second kit dump for a planned surgical airway.
- **Drug storage loops** - Ability to have drugs (pre-drawn drugs) for emergency, anaesthesia readily available.
- **Checklist pouch** - clearly visible and easy to access.
- **Gross motor indicators** - (yellow & blue tags) signpost the location of the relevant equipment required for the intervention, and to help reduce cognitive load. (i.e. yellow denoting surgical airway, blue denoting equipment for thoracostomy).
- **Drug storage loops** - Ability to have drugs (pre-drawn drugs) for emergency, anaesthesia readily available.

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Translating ideas and innovations into viable products to improve patient care

Invented by Paul Swinton and Neil Sinclair (Scottish Ambulance Service)
Developed alongside Scottish Health Innovations Ltd
Manufactured by Openhouse Products Ltd

Scottish Health Innovations Ltd. (SHIL) work in partnership with NHS Scotland to identify, protect, develop and commercialise healthcare innovations to improve patient care. [www.shil.co.uk](http://www.shil.co.uk) [@ScotHealthInno](https://twitter.com/ScotHealthInno)

Openhouse has over 25 years of experience in designing, manufacturing and offering every aspect of medical care from bespoke bags to defibrillators [www.openhouseproducts.com](http://www.openhouseproducts.com) [@OHPproducts](https://twitter.com/OHPproducts)