

SMART EQUIPMENT
SMART INCIDENT COMMAND SYSTEM

FOR
TRIAGE
THAT
WORKS

TSG Associates are the world's leading innovators in triage and mass casualty equipment.

Our prime objective is to assist emergency medical personnel and rescue teams to manage the incident, communicate with each other, conduct rapid and effective triage and, ultimately, save the maximum number of lives.

By using the knowledge, experience and best practices we have gained from multiple casualty events all over the globe, we have engineered the Smart Incident Command System.

Designed by rescue professionals, for rescue professionals, this fully integrated system of equipment and training is proven in the field to have a positive impact on all types of disaster and emergency.

Every component of Smart Equipment is made from advanced materials and built, without compromise, to cope with the harshest environments and the most demanding incidents worldwide.

We have a real passion for our products because we know they work.



Colin Smart
DIRECTOR



Simon Pennells
DIRECTOR

SMART TAG™

for triage, treatment and tracking™



RECORD VITAL INFORMATION ABOUT TREATMENTS

ENHANCED TRACKING WITH DETACHABLE BARCODED TRANSPORT STRIP

GLOWING LIGHT STICK FOR MAXIMUM VISIBILITY IN ALL CONDITIONS

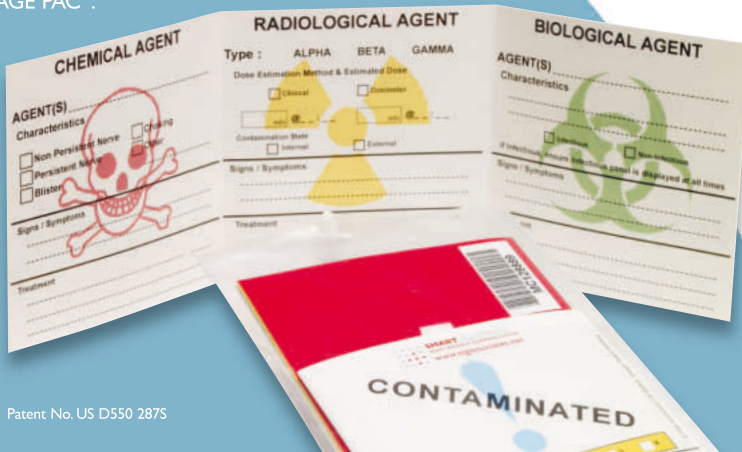
STAYS ATTACHED TO CASUALTY THROUGHOUT DECONTAMINATION

CLEARLY HIGHLIGHTS INFECTED AND CONTAMINATED CASUALTIES

CLEAR IDENTIFICATION OF PRIORITY

CBRNE TAG™

The ultimate resource for improving casualty management at scenes suspected to involve **nuclear, chemical or biological agents**. Completely waterproof, the SMART CBRNE TAG™ goes with The SMART TAG™ through casualty decontamination. The SMART CBRNE TAG™ is included as standard in the SMART TRIAGE PAC™.



- • • • • SMART TAG™
- • • • • TRIAGE, TREATMENT & TRACKING
- • • • • SMART INCIDENT COMMAND SYSTEM
- • • • • www.smartmci.com

Patent No. US D550 287S

WHAT WORKS

www.kingfishermedical.com

SMART CBRNE TAG™

for triage that works™

HIGHLIGHTS INFECTED AND CONTAMINATED CASUALTIES

RECORDS VITAL INFORMATION

CLEAR IDENTIFICATION OF PRIORITY AND STATUS

PREVENTS CROSS CONTAMINATION OF VEHICLES AND HOSPITAL DEPTS

CLEAR IDENTIFICATION OF MEDICATION ANTIDOTES GIVEN

ALL RISK TAG STAYS WITH CASUALTY THROUGHOUT DECONTAMINATION

SMART TAG™

The SMART TAG™ is a very comprehensive all risk Triage Tag available. Highly visible in all conditions, its folding design saves time during triage.



VISIT OUR
NEW TRAINING SITE
www.smartmci.com

•••••™ **SMART CBRNE TAG™**
SMART INCIDENT COMMAND SYSTEM
www.smartmci.com

Patent No. US D550 2875

SMART TAPE™

promoting calm, improving care

Head Here

Instructions for use of SMART TAPE

1. If the child is "Alert and moving or limb" OR "Awake they are Deceased (Green) priority for evacuation.
2. If the child is NOT "Deceased" then use the tape, as far as possible, to gauge the child's length in order to determine which set of physiological values to compare the child against. If the child is on the boundary between two age ranges use the section for the longer child.
3. A triaged child is an immediate or urgent case. A triaged child is an immediate or urgent case. A triaged child is an immediate or urgent case. A triaged child is an immediate or urgent case. A triaged child is an immediate or urgent case.
4. Infants under 50 cm are not included on this tape. Therefore on infants under 50 cm use the section for the longer child.
5. The rules on the tape are evidence based. They are based on the physiological values of children with respiratory distress.

Flowchart 1:

- Breathing (Yes/No)
- Respiratory Rate (<20 or >50)
- Pulse Rate (<90 or >180 /min)
- Capillary refill < 2 Secs (Use child's forehead)
- Outcomes: IMMEDIATE PRIORITY 1, URGENT PRIORITY 2

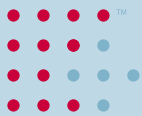
Flowchart 2:

- 15 to 40
- Pulse Rate (<80 or >160 /min)
- Capillary refill < 2 Secs (Use child's forehead)
- 80 to 160 /min
- Outcomes: IMMEDIATE PRIORITY 1, URGENT PRIORITY 2

Age Ranges: 100 - 140 cm or 19 - 32 Kg

Callouts:

- SIMPLE TO USE**
- PHYSIOLOGICALLY ADAPTED TRIAGE FLOW CHARTS**
- SUPER TOUGH MATERIAL**
- FAST & ACCURATE TRIAGE FOR FIVE AGE RANGES**
- 10 YEARS OF VALUED PRE-HOSPITAL SERVICE**



SMART TRAINING
SMART INCIDENT COMMAND SYSTEM

View our
new online
training site at

www.smartmci.com



The only
evidence based
system for
triaging children

TJ Hodgetts, J Hall, I Maconochie,
C Smart. Paediatric Triage Tape,
Pre Hospital Immediate
Care 1998.



SMART TAPE™
SMART INCIDENT COMMAND SYSTEM
www.smartmci.com

WHAT WORKS

www.kingfishermedical.com

SMART TRIAGE PAC™

for triage that works™

CONTAINS ALL THE TOOLS FOR RAPID EFFECTIVE TRIAGE

VELCRO ATTACHMENT FITS ANY DUTY BELT

CONTENTS ARE HELD SECURELY

COMPACT DESIGN FOR EASY

EASY ACCESS TO CONTENTS

CBRNE TAG™

The ultimate resource for improving casualty management at scenes suspected to involve **nuclear, chemical** or **biological agents**. Completely waterproof, the **SMART CBRNE TAG™** goes with The **SMART TAG™** through casualty decontamination. The **SMART CBRNE TAG™** is included as standard in the **SMART TRIAGE PAC™**.

VISIT OUR NEW TRAINING SITE

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 SMART INCIDENT COMMAND SYSTEM
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Patent No. US D550 2875

www.smartmci.com

FOR TRIAGE TH

SMART T.R.I. PACK™

for triage that works™

LIFE SAVING INTERVENTIONS HELD SECURELY AND EASILY ACCESSIBLE

DETACHABLE SHOULDER STRAPS

CONTAINS ALL TOOLS FOR EFFECTIVE TRIAGE

HANDS FREE DESIGN ENHANCES SCENE SAFETY

COUNT YOUR CASUALTIES AS YOU TAG THEM

SECURELY HOLDS SMART TAGS™



RESEARCH & EXPERIENCE

“The need for rapid treatment at the scene of an MCI remains, without this needless lives are being lost...”

With many years of international experience in Multiple Casualty Incident (MCI) response, we have accumulated research and feedback from historical events on ways to improve survivability from MCI's. Guided and tested by our customers we have developed the SMART T.R.I. Pack™ to make a real difference.

Beaton et al, *The Sarin Gas Attacks on the Tokyo Subway - 10 years later / lessons learned*, Journal of Traumatology (June 2005)



Works with all major triage methods
MUCC/SALT START SIEVE

•••••™ **SMART T.R.I. PACK™**
SMART INCIDENT COMMAND SYSTEM
www.smartmci.com

HAT WORKS

www.kingfishermedical.com

SMART COMMANDER™

for triage that works™

EASY ACCESS TO
MAPS AND KEY
INFORMATION

SPACE FOR
ADDITIONAL
EQUIPMENT AND
RESOURCES

PROVIDES A
STRUCTURED
RESPONSE TO
ANY SCENE

DETACHABLE
INCIDENT CONTROL
BOARDS ASSIST
INFORMATION
HANDOVER

ENHANCES SCENE
MANAGEMENT

BUILT FOR THE MASS
CASUALTY ENVIRONMENT

Putting
your plan in
your hand



SMART COMMANDER™

The **SMART COMMANDER™** is the ideal tool for any chief or commander. It provides a key component for your training, risk assessment and incident response.

This flexible tool kit has proven to be effective all over the world with additional WMD, fire ground & hospital control boards available of special incident response.

•••••™ **SMART COMMANDER™**
SMART INCIDENT COMMAND SYSTEM
www.smartmci.com

www.smartmci.com

FOR TRIAGE TH

SMART MCI BAG™

for triage that works™

INSTANT MCI
GRAB BAG

BACKPACK
DESIGN TO
ENABLE EASY
TRANSPORTATION

TRIAGE FOR
UP TO 80
CASUALTIES

COMES COMPLETE
WITH 4 SMART
TRIAGE PACS™
AND A SMART
COMMANDER™

SPACE FOR
ADDITIONAL MCI
EQUIPMENT



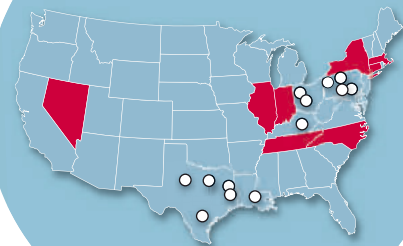
SMART TRAINING
SMART INCIDENT COMMAND SYSTEM

View our
new online
training site at

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Now covering...



1 in 4 Americans

 **SMART MCI BAG™**
SMART INCIDENT COMMAND SYSTEM
www.smartmci.com

HAT WORKS

www.kingfishermedical.com

SMART D-NET™

for training that works

PROVIDES ANYTIME,
ONLINE TRAINING
IN MCI RESPONSE



ONLINE
TRAINING
REDUCES
COSTS

DELIVERS
EFFECTIVE
INTERACTIVE
TRAINING

1 HOUR CLASS
WHICH EQUIPS THE
STUDENT TO BETTER
RESPOND TO AN MCI

HIGH QUALITY
TRAINING AT YOUR
CONVENIENCE

AUDITABLE RESULTS

Managers within the system have access to the Learning Management System (LMS), allowing them to build teams and invite in other managers and set up students to take part in this unique training.

From a PC, Mac or handheld device managers can see charts and tables of all their staff and monitor progress within the training.

TAKE A LOOK AT
www.smartdnet.com



 **SMART D-NET™**
SMART INCIDENT COMMAND TRAINING
www.smartmci.com

www.smartmci.com

FOR TRIAGE TH

SMART EDUCATION PACK™

for training that works™

COMPLETE WITH SET OF DEMONSTRATION EQUIPMENT

INCLUDES INSTRUCTORS CD AND TRAINING PRESENTATIONS

THE IDEAL WAY TO RUN AN MCI TRAINING SESSION

PROVIDES THREE PRACTICAL EXERCISES AND CASUALTY SCENARIOS

"I strongly feel that the training & the Smart System helped us effectively triage & treat our patients..."

P. Bashaw, President Essex County EMS Co-ordinator NY



SMART TRAINING
SMART INCIDENT COMMAND SYSTEM

View our new online training site at

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SMART INCIDENT COMMAND SYSTEM
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WHAT WORKS

www.kingfishermedical.com

“ The way the tag has evolved has shown thought and analysis of what is needed by the end user.... But, more importantly, it's part of a systemic approach. ”

James Soto

ASSOCIATE DIRECTOR - DISASTER PREPAREDNESS.
BUREAU OF EMS NEW YORK STATE DEPT. OF HEALTH

“ We already had triage tags on our ambulances, but nothing more. The SMART system allowed us to expand our ability to respond to MCI. ”

Neal Hargrave

ACADIAN AMBULANCE SERVICE LOUISIANA

“ Smart equipment has been used successfully and extensively by the UK

Defence Medical Services

in recent operations. ”

Colonel T Hodgetts

QHP OSTJ MB BS MMED FRCP
FFAEM FIMCRSCSED FRGS L/RAMC
SPECIALIST PRE HOSPITAL ADVISOR
TO THE BRITISH ARMY

“ ...well designed with the EMS provider in mind.

The card design is solid, so it tends to sell itself, but combined with the other stuff, it is tough to beat. ”

Eric Epley

EXECUTIVE DIRECTOR, SOUTHWEST TEXAS REGIONAL
ADVISORY COUNCIL FOR TRAUMA

“ I have been medical incident officer at many multiple casualty incidents, including terrorist bombings and hijackings. The Smart Incident Command System is by far the most practical, well thought out and ultimately relevant range of equipment that I have seen. ”

Dr Judith M. Fisher

MB BS FRCP FFAEM FIMC(ED)
FOUNDER MEMBER OF

THE WORLD ASSOCIATION OF DISASTER AND EMERGENCY MEDICINE

WHAT
OUR
CLIENTS
SAY

TRIAGE WORKS FOR:

UNITED STATES

State Mandated:

Connecticut

Illinois

Massachusetts

New York

Nevada

Tennessee

Indiana

North Carolina

Regional users:

Acadian Ambulance

Central Ohio Trauma System

Southwest Texas Regional
Medical Centre

Region 13 - Pittsburgh

East Texas Medical Centre

SE Pennsylvania - City of
Philadelphia

UNITED KINGDOM

Ambulance Services include:

London

East Midlands

West Midlands

North East

North West

South Central

Yorkshire

East of England

Great Western

Scotland

British Military – All arms including
Special Forces

Heathrow and Gatwick
airports

West Midlands Fire Service

West Yorkshire Fire Service

West Midlands Police Service

Shell

British Petroleum

REST OF THE WORLD

National System of Sweden

National System of
the Netherlands

National System of Iceland

Canadian Armed Forces

Dublin Fire Service

Princess Cruises

Kabul - Afghanistan

KFOR - Sudan

Kuwait



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