

SAGP

• THE SOUTH AFRICAN GENERAL PRACTITIONER •

CPD QUESTIONNAIRE • No 4 2023

Less-Than-Lethal Weapons and the General Practitioner

- Which statement regarding Rubber Bullets is false?
 - The first rubber bullets were introduced by British forces in Northern Ireland in 1970.
 - Rubber bullets are impact munitions made of rubber or other elastic materials.
 - Risk factors include: short range of fire; young age; old age; area of impact; bullet size, shape, mass, velocity on impact.
 - The majority of injuries are penetrating injuries.
- Regarding TASERS and Conducted Electrical Weapons, which statement is false?
 - The Taser fires two small dart-like electrodes, which stay connected to the main unit by conductive wire as they are propelled by small, compressed nitrogen charges.
 - It is critical for the GP to measure the distance between the two dart locations on the body.
 - Small children, those with diseased hearts, the elderly, and the pregnant have no more risk than exposure in a healthy normal non-stressed adult.
 - Taser is a homage to Thomas A. Swift's Electric Rifle.
- Which statement is false regarding Tear Gas?
 - Oleoresin Capsaicin (OC) is an oily extract from hot pepper plants.
 - Capsaicin produces intense pain, particularly in the conjunctivae and mucous membranes, and generates extreme discomfort.
 - The prototypical tear gasses were o-chlorobenzylidenemalononitrile (CS), chloroacetophenone (CN), and dibenzoxazepine (CR).
 - Hazardous materials management principles do not apply, because it is unlikely that healthcare workers could be exposed to riot control agents and become symptomatic.
- General Practitioners may be asked to assess individuals claiming human rights abuse. When assessing and interpreting scars and marks, which statement is false?
 - A structured examination must take place, which involves the history, the medical history and then the physical examination.
 - The history taking should include direct quotes from the victim, establishment of a chronology, where possible backing it up, for example with old medical records and photos.
 - Good photographs must be taken, perpendicularly, with a ruler next to each wound.
 - The doctor's role is to assess these findings impartially, as such, minimal attention should be paid to the psychological status of the victim.

The role of kindness in medical ethics: balancing virtue and ethical principles

- Which institution in South Africa is mandated to set the ethics standard in medical practice and to maintain it?
 - High court of South Africa
 - Department of Health
 - The HPCSA
 - Universities Health Science Faculties.

- Which one of the following statements on medical ethics is more accurate?
 - Bioethics cannot provide an applicable account of the medical profession to inform and promote the patient's best interest.
 - Ethics and medical etiquette is not the same.
 - Ethics is dictated by matters of ethnicity, culture and family values.
 - Personal belief and clinical experience are the core values of ethics.
- Which of the following values and actions are associated with kindness?
 - Informed consent.
 - Respect for autonomy.
 - Compassion and empathy.
 - Antidote for paternalism.
- Which negative association is possible with kindness?
 - Exclusion of beneficence
 - Antidote for paternalism
 - Strengthens fairness
 - Strengthens autonomy

A case of neurodivergence – the basics of autism spectrum disorder

- Epidemiological and pathophysiological data indicate that autism spectrum disorder (ASD):
 - is more commonly diagnosed in females than males.
 - is associated with an increased seizure threshold.
 - has a very limited association with genetic factors.
 - is often associated with gastrointestinal abnormalities.
- Scientific evidence exists for all the following factors' involvement in the pathophysiology of autism spectrum disorder, EXCEPT:
 - Maternal obesity
 - Hypoxia during birth
 - MMR vaccination
 - Advanced parental age
- Children with ASD typically tend to:
 - display normal linguistic development.
 - have above-average intellectual ability.
 - display restricted, repetitive behaviour.
 - reciprocate non-verbal interaction.
- Regarding the evidence-based management of behavioural and attention/hyperactivity-related symptoms in autism spectrum disorder:
 - methylphenidate is most effective in patients with OCD and/or repetitive behaviour.
 - clonidine may exacerbate ADHD symptoms in higher-functioning individuals.
 - fluoxetine is effective in suppressing repetitive and restrictive behaviours.
 - risperidone is appropriate for managing irritability and aggression.

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Medical Practice Consulting:
Client Support Center:
+27121117001
Office – Switchboard:
+27121117000

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