## **Shock: Sympathetic and Parasympathetic Expression**

## Hyperarousal (fight or flight)

- 1. Rapid breathing and heart rate, heart palpitations
- 2. Cold and pale skin, pallor
- 3. Dilated pupils
- 4. Raised blood pressure
- 5. Endorphins are released to reduce pain
- 6. Hypervigilance, panic, rage, constipation, tremor, muscle spasms, hyperventilation, cold sweats, profound sleep disturbances, loss of appetite, sexual dysfunction
- 7. Accelerated pace and amplitude of thoughts and emotions, intrusive memories, difficulties in concentrating
- 8. Active dissociation: persisting physiological hyperarousal and hyperactivity, busyness, increased muscle tone, increased body temperature, hyper startle response (jumpiness), affect regulation problems and generalized (or specific) anxiety

## **Hypoarousal** (freeze)

- 1. Decreased heart rate and respiration
- 2. Warm and flushed skin
- 3. Lowered blood pressure
- 4. Endorphins are released in the brain to create stress-induced analgesia
- 5. Helplessness and hopelessness
- 6. Sudden and extreme immobility (appears as "feigning death" or "suspended animation")
- 7. Palpitations, nausea, dizziness, bowel cramps, indigestion, diarrhea, incontinence, generalized weakness
- 8. Numbness, 'shutting down' within the mind, dulling of inner body sensation, slowing of muscular/skeletal response, especially in the face
- 9. Social isolation and withdrawal, substance abuse, constricted affect, denial
- 10. Passive dissociation: drifting consciousness, emotional constriction, social isolation, loss of contact with reality, lack of motivation, body numbness, a sense of "leaving" the body, withdrawal, somatic complaints, anxiety, dependence