

FORENSIC PATHOLOGY CONTENT SPECIFICATIONS

New Validated Practical Knowledge

1. Use of genetics in the diagnosis of sudden death
 - sudden cardiac death
 - SIDS
 - thrombophilias
2. Pharmacogenomics
3. Inhalation intoxication
4. Prescription drug overdose
5. Death investigation in the elderly, including normal physiological changes of aging
6. Role of CT and MRI in autopsy (virtual autopsy)
7. Asphyxial games
8. Mass fatality response
9. Infectious disease surveillance and response

References

1. Seligsohn U, Lubetsky A. Genetic susceptibility to venous thrombosis. *NEJM* 2001, Apr 19; 355(16):1222-31.
2. Maron BJ. Sudden death in young athletes. *NEJM* 2003; Sep 11; 349(11):1064-75.
3. Tester DJ, Ackerman MJ. The role of molecular autopsy in unexplained sudden cardiac death. *Curr Opin Cardiol.* 2006 May; 21(3):166-72.
4. Jumbelic MI. Carbon Monoxide Intoxication in Swimmers. *Forensic Pathology CCheck Sample 2005; FP 05-02(FP-303)*, Chicago, IL: American Society for Clinical Pathology.
5. Peterson GF, Clark SC. Forensic autopsy performance standards. *Am J. Forensic Med Pathol* 2006; 27(3):200-25.
6. Campman SC, Luzi SA. The sensitivity and specificity of control surface injuries in aircraft accident fatalities. *Am J. Forensic Med Pathol.* 2007; 28(2):111-15.
7. Morgan, O ed. *Management of dead bodies after disaster: a field manual for first responders.* Washington DC:PAHO, 2006.
8. CDC. *Medical Examiners, Coroners, and Biologic Terrorism: A Guidebook for Surveillance and Case Management.* *MMWR* 53 (no. RR-8): 1-36, 2004.
9. Dirnhofer R, Jackowski C, Vock P, Potter K, Thali MJ. VIRTopsy: Minimally invasive, imaging-guided virtual autopsy. *Radiographics* 26:1305-1333, 2006.
10. Hall AJ, Logan Je, Toblin RL, et al. patterns of abuse among unintentional pharmaceutical overdose fatalities. *JAMA* , 2008; 300:2613-20.

Fundamental Knowledge

1. Wound interpretation
2. Interpretation of postmortem change
3. Interpretation of toxicology results
4. Infant death evaluation
5. Natural disease presenting as sudden death
6. Relationship between forensic pathology and public health and concept of reportable diseases and conditions
7. Relationship between forensic pathology and public safety/criminal justice system