

Name: Dr. Trenna Reeve and Mr. Colin Reeve

1. **Lecture title:** The Role of Forensic Dentistry in the Identification of Human Remains
Understanding Acute Pain Management for the Dental Patient

2. **Lecture brief description or abstract:**

This presentation will discuss the roles of forensic odontology and how this relates to forensic science and mass casualty disasters. Topics will review the history of forensic odontology and the critical contribution forensic odontology makes to disaster victim identification.

This presentation will explore the challenges and pharmacological options when managing acute dental pain. Key points will discuss how to effectively assess a patient's medical condition, medications and level of pain in order to develop successful pain therapies. Contraindications to common pain medications will be reviewed with alternative pharmacological options discussed.

In this session, participants will be able to:

1. Understand the significant contribution forensic odontology makes to the identification of human remains and forensic science;
2. Describe the components of forensic odontology;
3. Appreciate the magnitude of mass casualty management;
4. Describe effective treatment options for acute pain secondary to oral operative procedures;
5. List contraindications to commonly prescribe acute pain therapies;
6. Compare and contrast appropriate analgesic options for a specific patient case; and
7. Identify potential aberrant (drug seeking) behaviour in a patient requesting opioid therapy.

Bibliography:



Dr. Reeve is currently an Assistant Professor at the University of Manitoba, College of Dentistry, Restorative Department where she is Head

of the General Practice Division, Associate Department Head and oversees the fourth year clinical dentistry course. Additionally, after retiring from the Canadian Armed Forces, she now serves with the Primary Reserves as an Advanced General Dental Officer with the 1 Canadian Field Hospital Detachment Ottawa and is currently the Forensic Odontology Advisor for the Canadian Forces Forensic Odontology Response Team.

Dr. Reeve graduated from University of Saskatchewan with a Doctor of Medical Dentistry and completed a 2-year Advanced General Dentistry residency at Fort Bragg, North Carolina, becoming Board Certified with the American Board of General Dentistry in 2007.

In 2011 Dr. Reeve completed a 5-month deployment with Task Force Afghanistan, Roto 10, where she provided multinational dental support with the Health Services Support Unit at the Role 3 Hospital at Kandahar Airfield.

Dr. Reeve deployed with the Royal Canadian Mounted Police in 2013 to Algeria as part of the Canadian Forces Forensic Odontology Response Post Mortem Team where post mortem examinations were performed on terrorists involved in the Tiguentourine gas plant attack. Most recently in 2016 Dr. Reeve joined the United States Naval Ship Mercy in Padang Indonesia and was involved in Disaster Victim Identification training with the Indonesian military.

Dr. Reeve also works as a forensic odontology consultant with the Medical Examiners Office of Manitoba providing forensic dental support for identification, bite mark analysis and age estimation.



Colin is a clinical pharmacist and diabetes educator, practicing with the primary care team at the Nor West Community Health Co-op and a recent addition to the Winnipeg Regional Health Authority My Health Team in the Inkster/Seven Oaks catchment. A past recipient of the Takeda Magnum Opus award, Colin is currently pursuing his Doctor of Pharmacy degree with the University of Toronto with academic interests in diabetes, respiratory medicine and pain management with a focus on collaborative models of patient care delivery. Colin has previously held position as the Manitoba representative for the Canadian Pharmacists

Association Diabetes Strategy for Pharmacists and currently holds position as a Manitoba VP for Pharmacists for a smoke free Canada.