NZNO LIBRARY RESOURCE LIST
NEEDLESTICK/SHARPS INJURIES

The following articles and publications relating to needlestick injury are available to NZNO members on request.

Website Resources

Clinical Practice Guideline: Community acquired needle stick injury *[January 2021]*
The Royal Children's Hospital, Melbourne
https://www.rch.org.au/clinicalguide/guideline_index/Needle_stick_injury/

International Sharps Injury Prevention Society
The International Sharps Injury Prevention Society, ISIPS, was formed to reduce the number of accidental needlestick and other sharps injuries that occur globally by promoting the use of safety-engineered products and services.
http://www.isips.org/

Needlestick injuries *[Page last updated 10 JUL 2020]*
What should I do if I injure myself with a used needle?
https://www.healthnavigator.org.nz/health-a-z/n/needlestick-injuries/

Needlestick injury
Better Health Channel
https://www.betterhealth.vic.gov.au/health/ConditionsAndTreatments/needlestick-injury

Needlestick injury information
https://www.wellingtonscl.co.nz/infection-control-2/needlestick-injury-information/

Sharps Safety for Healthcare Settings *[Page last reviewed: February 11, 2015]*
Occupational exposure to bloodborne pathogens from needlesticks and other sharps injuries is a serious problem, resulting in approximately 385,000 needlesticks and other sharps-related injuries to hospital-based healthcare personnel each year.
https://www.cdc.gov/sharpssafety/

Journal articles

Incidence of sharp and needle-stick injuries and mucocutaneous blood exposure among healthcare workers
Rapisarda, V., Loreto, C., Vitale, E., Matera, S., Ragusa, R., Coco, G., Rapisarda, L. & Ledda, C.
Future Microbiology. (Jun 2019). 14(9), 27–31.
Healthcare workers (HCWs) are exposed to biological hazards on a daily basis. The aim of the present study was to evaluate the risks of infection after occupational exposure to blood or body fluids among HCWs operating in the period 2013–2014, in a university hospital of Southern Italy.

Needlestick injuries in a healthcare setting in New Zealand
Fullerton, M. & Gibbons, V.
The New Zealand Medical Journal: Journal of the New Zealand Medical Association. (2011). 124(1335), 33.
https://www.nzma.org.nz/journal-articles/needlestick-injuries-in-a-healthcare-setting-in-new-zealand

Needlestick risks at COVID-19 Vaccination Sites: Create prevention plans, be ready to call PEP hotline.
AHC MEDIA; Hospital Employee Health. (2021, May). 40(5), 1-3.
Needlesticks are threatening to move beyond the hospital in a big way. With a variety of people with various skill sets administering COVID-19 vaccines — sometimes in unusual situations — there is understandable concern about sharps injuries at immunization sites. As COVID-19 vaccine guidelines expand to more age groups and populations, occupational health experts are reminding HCWs that needlesticks could lead to transmission of bloodborne pathogens.

Nurses at risk of injuries
Australian Nursing and Midwifery Journal. (2015, Aug). 23(2), 26-28.
Risk of injury is one of the major concerns in the healthcare industry. Studies have found that nurses are the most common victims of needlestick injuries and workrelated musculoskeletal injuries (WMSIs) to the neck, shoulder and back (Smith, 2012).The intricacy and combination of different tasks involved in patient care may lead to higher risk of injuries.

Occupational Exposures during clinical practice of candidate health professionals: Needlestick injuries and occupational knowledge levels.
Ulfiye, C. & Aylin Yalcin, I.
International Journal of Caring Sciences. (2021, Jan-Apr). 14(1), 695-704.
The aim of this study is to identify needlestick injuries experienced by medical faculty, nursing and laboratory programme students during clinical practice, and to assess the knowledge and attitude of injured or uninjured students about occupational risk

Predicting needlestick and sharps injuries in nursing students: Development of the SNNIP scale
Bagnasco, A., Zanini, M., Catania, G., Watson, R., Hayter, M., Dasso, N., Dini, G., Agodi, A., Pasquarella, C., Zotti, C. M., Durando, P. & Sasso, L.
Nursing Open. (2020, Sept). 7(5), 1578-1587.

Aim: To develop an instrument to investigate knowledge and predictive factors of needlestick and sharps injuries (NSIs) in nursing students during clinical placements.

Preventing Needlestick Injuries at COVID-19 Vaccination Sites
Weblog post. The National Institute for Occupational Safety and Health (NIOSH) Science Blog, Atlanta: Newstex. Mar 2, 2021.
The availability of effective vaccines is a major milestone for the fight against the virus that causes COVID–19. However, the effort to administer vaccines to the large number of people who need to be vaccinated in a variety of settings may increase the risk for needlestick injuries among vaccinators and other vaccination site workers.

A quality improvement initiative to reduce needlestick injuries
Anthony Beynon
Nursing Standard. (2015). 29(22), 37-42. doi: 10.7748/ns.29.22.37.e9471
Peterborough and Stamford Hospitals NHS Foundation Trust introduced sharp-safe needles in January 2013; these became a part of general practice by April 2013. A service evaluation was undertaken to investigate whether the introduction of sharp-safe needles had reduced the incidence of needlestick injuries.

Sharps safety never stops
Ward, Brian
Medical Environment Update (2020, Dec). 30(12), 5-6.
Laboratory workers and clinicians must remain vigilant in regard to needlesticks, sharps safety, and bloodborne infection prevention, says Dan Scungio, MT(ASCP), SLS, laboratory safety officer for multihospital system Sentara Healthcare in Virginia.

The use of safety engineered medical devices to prevent needle stick injuries in the clinical setting
McAlister, M. & Gartland, C.
Australian Nursing and Midwifery Journal. (2019). 26(8), 18-21.
According to the International Safety Centre's Exposure Prevention Information Network (EPINet) data, injuries from disposable syringes make up the majority of NSI (28.1%) and 19.5% are from insulin syringes. According to the current Australian Diabetes Educators Association needle length recommendations (ADEA 2015) smaller needles reduce the tissue damage caused by repetitive injections into the same sites.

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