

Position Papers and Practice Guidelines

Academy of Medical-Surgical Nurses. (As of February 2007). Position Statement: Latex Use [On-line]. Available: http://www.medsurgnurse.org. (Click on "Resources," then "Position Statements," then "Latex Use" in the left column.)

American Academy of Allergy, Asthma, and Immunology (AAAAI) and the American College of Allergy, Asthma, and Immunology (ACAAI). (1997). Joint Statement Concerning the Use of Powdered and Non-Powdered Natural Rubber Latex Gloves. *Annals of Allergy, Asthma, and Immunology, 79(4), 487.*

American Association of Endodontists. (1998). Position Statement: Natural Rubber Latex Allergy [On-line]. Available: http://www.aae.org/dentalpro/guidelines.htm.

American Association of Nurse Anesthetists. (Revised 1998). Latex Protocol [On-line]. Available: http://www.aana.com. (Click on "Resources," then "Practice Documents," then "AANA Latex Protocol.")

American College of Nurse Midwives. (2000). Latex Allergy [On-line]. Available: http://www.midwife.org/siteFiles/position/Latex_Allergy_05.pdf.

American Nurses Association. (1997). Position Statement: Latex Allergy [On-line]. Available: http://www.nursingworld.org/readroom/position/workplac/wklatex.htm.

Emergency Nurses Assocation. (Revised 2001). Position Statement: Latex Allergy [On-line]. Available: http://www.ena.org/about/position/pdfs/latexallergy.pdf.

National Association of Neonatal Nurses. (Revised 2003). Position Statement: Latex Allergy [On-line]. Available: http://www.nann.org/files/public/3016a.doc.

Occupational Safety & Health Administration. (1999). Technical Information Bulletin: Potential for Allergy to Natural Rubber Latex Gloves and other Natural Rubber Products [On-line]. Available: http://www.osha.gov/dts/tib/tib_data/tib19990412.html.

National Institute of Occupational Safety and Health. (1997). Preventing Allergic Reactions to Natural Rubber Latex in the Workplace. DHHS (NIOSH) Publication No. 97-135 [On-line]. Available: http://www.cdc.gov/niosh/latexalt.html.

National Institute of Occupational Safety and Health. (1999). Latex Allergy: A Prevention Guide [On-line]. Available: http://www.cdc.gov/niosh/98-113.html.

Reviews and Overviews

Burt, S. (1999). What you need to know about latex allergy. Nursing Management, 30(8), 20-26.

Carroll, P. (1999). Latex allergy: What you need to know. RN, 62(9), 40-42, 45-46.

Cohen, M.A., & Kaufman, J.D. (2000). Latex sensitivity in Washington state acute care hospitals: A needs assessment and survey of awareness of the issues. *AAOHN Journal*, 48(6), 297-304.

Faustino, L.R. (1999). Natural rubber latex allergy update: "Don't let latex irritate you." *Canadian Operating Room Nursing Journal*, *17*(2), 22-23, 25-29.

Gritter, M. (1998). The latex threat. American Journal of Nursing, 98(9), 26-32.

Gritter, M. (1999). Latex allergy: Prevention is the key. Journal of Intravenous Nursing, 22(5), 281-285.

Holzman, R.S., & Katz, J.D. (1998). Occupational latex allergy: The end of innocence. Editorial. *Anesthesiology*, *89*, 287-289.

Johnson, G. (1999). Avoiding latex allergy. Nursing Standard, 13(21), 49-56.

Karvonen, C.A. (1999). Latex allergy in health care workers: What are the risks? *AAOHN Journal*, 47(11), 519-525.

Kellet, P.B. (1997). Latex allergy: A review. Journal of Emergency Nursing, 23(1), 27-33.

Kelly, K.J., Sussman, G., & Fink, J.N. (1996). Stop the sensitization. *Journal of Allergy and Clinical Immunology*, *5*, 857-858.

Kelly, K.J., & Walsh-Kelly, C.M. (1998). Latex allergy: A patient and health care system emergency. *Annals of Emergency Medicine*, *32*(6), 723-729.

Kellner, R., Barnett, L., & Murray, G. (1997). Severe latex allergy: Three first-person accounts. *Journal of Emergency Nursing*, 23(3), 130-134.

Lenehan, G. (2002). Latex allergy: Separating fact from fiction. Nursing2002, 32(3), 58-64.

Patterson, P. (1997). Latex allergy. OR Manager, 13(2), 1, 8-13.

Sibbald, R.G., & Fryer, P. (1998). Latex allergy. An institutional approach, questionnaire and information for healthcare workers. *Ostomy/Wound Management*, 44(9), 88-91.

Tarlo, S. (1998). Latex allergy: A problem for both healthcare professionals and patients. *Ostomy/Wound Management*, 44(8), 80-88.

Wai, D.M.E. (2000). Latex allergy and the healthcare worker. Gastroenterology Nursing, 23(5), 226-231.

Warshaw, E.M. (1998). Latex allergy. Journal of the American Academy of Dermatology, 39, 1-24.

Diagnosis and Management

Allmers, H., Schmengler, J., Skudlik, C., & John, S.M. (2005). Current state of the art in natural rubber latex allergy prevention. *Business Briefing: Hospital Engineering and Facilities Management*, 1-5.

Baurmann, N.H. (1999). Latex allergy: An orthopaedic case presentation and considerations in patient care. *Orthopaedic Nursing*, *18*(3), 15-22.

Bowyer, R.V.S. (1999). Latex allergy: How to identify it and the people at risk. *Journal of Clinical Nursing*, 8(2), 144-149.

Bowyer, R.V.S. (1999). The implications of latex allergy in healthcare settings. *Journal of Clinical Nursing*, 8(2), 139-143.

Brehler, R. & Kutting, B. (2001). Natural rubber latex allergy: A problem of interdisciplinary concern in medicine. *Archives of Internal Medicine*, *161*, 1057-1064.

Charous, B.L., et al. (2002). Natural rubber latex allergy after 12 years: Recommendations and perspectives. *Journal of Allergy and Clinical Immunology*, *109*(1), 31-34.

Fink, J.N., Kelly, K.J., Elms, N. & Kurup, V.P. (1996). Comparative studies of latex extracts used in skin testing. *Annals of Allergy, Asthma & Immunology, 76,* 149-152.

Fisher, D., & Sawin, K. (1998). Pearls for practice. Latex allergy in the primary care setting. *Journal of the American Academy of Nurse Practitioners*, 10(5), 203-208.

Gehring, L., & Ring, P. (1999). Latex allergy: Creating a safe environment. *MEDSURG Nursing*, 8(6), 358-362.

Graves, P., & Kim, K. (1998). Latex-allergic patients: Operating room considerations. *Nursing Management*, 29(12), 46-47.

Harrau, B. (1998). Managing latex allergy patients. Nursing Management, 29(10), 48N, 48P.

Hebl, J.R., Hall, B.A., & Sprung, J. (2004). Prolonged cardiovascular collapse due to unrecognized latex anaphylaxis. *Anesthesia and Analgesia*, *98*, 1124-1126.

Jezierski, M. (1997). Creating a latex-safe environment: Riddle memorial hospital's response to protect patients and employees. *Journal of Emergency Nursing*, 23(2), 191-198.

Johnson, G. (1998). Infection control. Latex allergy: Reducing the risks. Nursing Times, 94(44), 69-70, 73.

Katelaris, C. (2000). Management of latex allergic individuals and minimization of continuing latex sensitization. *World Council of Enterostomal Therapists Journal*, 20(2), 17-21, 24-25.

Kelly, K., & Walsh-Kelly, C. (1998). Latex allergy: A patient and health care system emergency. *Journal of Emergency Nursing*, 24(6), 539-545.

Kim, K., et al. (1998). Diagnostic evaluation of type I latex allergy. *Annals of Allergy, Asthma and Immunology*, 80(1), 66-70.

Kim, K., et al. (1998). Implementation recommendations for making health care facilities latex safe. *AORN Journal*, 67(3), 615-632.

Maxfield, A., et al. (2000). A national institute for occupational safety and health alert sent to hospitals and the intentions of hospital decision makers to advocate for latex allergy control measures. *Health Education Research*, *15*(4), 463-467.

Miller, K.K., & Weed, P. (1998). The latex allergy triage or admission tool: An algorithm to identify which patients would benefit from "latex safe" precautions. *Journal of Emergency Nursing*, 24, 145-152.

Miller, K.K. (2000). Research based prevention strategies: Management of latex allergy in the workplace. *AAOHN Journal*, *48*(6), 278-290.

Patriarca, B., & Korniewicz, D.M. (1999). Latex allergy and implications for urology nursing. *Urologic Nursing*, *19*(3), 187-193, 201.

Primeau, M.N., Adkinson, N.F., & Hamilton, R.G. (2001). Natural rubber pharmaceutical vial closures release latex allergens that produce skin reactions. *The Journal of Allergy and Clinical Immunology*, *107*(6), 958-962.

Robbins, P. (1999). Life-threatening clinical puzzle solved: Identification of latex allergy makes difference for all health care workers in one facility. *American Nurse*, *31*(5), 17.

Rhodes, A. (2000). Latex allergy awareness and protocol. *British Journal of Perioperative Nursing*, 10(3), 157-158, 160-162.

Thurlow, K.L. (1999). Clinician's forum. Caring for patients with latex allergies. *Home Healthcare Nurse*, *17*(10), 625-629.

Wynn, K.E. (1998). Going latex safe. PT-Magazine of Physical Therapy, 6(3), 44-49.

Latex-Induced Asthma

Ameille, J., et al. (1997). Consequences of occupational asthma on employment and financial status: A follow-up study. *European Respiratory Journal*, *10*(1), 55-58.

Avila, P., & Shusterman, D. (1999). Work related asthma and latex allergy: Sorting out the types, causes, and consequences. *Postgraduate Medicine*, *105*(7), 39-46.

Blazys, D. (2000). Clinical nurses forum (Asthma and latex allergy). *Journal of Emergency Nursing*, 26(6), 583-4, 641-6.

Charous, B.L. & Charous, M.A. (2002). Is occupational latex allergy causing your patient's asthma? *The Journal of Respiratory Diseases*, 23(4), 250-256.

Charous, B.L., Schuenemann, P.J., & Swanson, M.C. (2000). Passive dispersion of latex aeroallergen in a healthcare facility. *Annals of Allergy, Asthma, & Immunology, 85*(4), 285-290.

Gassert T.H., et al. (1998). Long-term health and employment outcomes of occupational asthma and their determinants. *Journal of Occupational and Environmental Medicine*, 40(5), 481-91.

Phillips, V.L., Goodrich, M.A., & Sullivan T.J. (1999). Health care worker disability due to latex allergy and asthma: A cost analysis. *American Journal of Public Health*, 89(7), 1024-1028.

Epidemiology/Prevalence

Association report. (1999). The dental team and latex hypersensitivity. *Journal of the American Dental Association: JADA, 130*(2), 257-264.

Becker, H. (2000). An analysis of the epidemiology of latex allergy: Implications for primary prevention. *MEDSURG Nursing*, *9*(3), 135-143.

Bernardini, R., et al. (1998). Prevalence and risk factors of latex sensitization in an unselected pediatric population. *Journal of Allergy and Clinical Immunology*, 101, 621-625.

Brown, R.H., Schauble, J.F., & Hamilton, R.G. (1998). Prevalence of latex allergy among anesthesiologists. *Anesthesiology*, *89*, 292-299.

Dorevitch, S., & Forst, L. (2000). The occupational hazards of emergency physicians. *American Journal of Emergency Medicine*, 18(3), 300-311.

Douglas, R., et al. (1997). Prevalence of IgE-mediated allergy to latex in hospital nursing staff. *Aust NZ Journal of Medicine*, 27, 165-169.

Falcone, K.J., & Powers, D.O. (1998). Latex allergy: Implications for oral health care professionals. *Journal of Dental Hygiene*, 72(3), 25-32.

Hamann, C.P., et al. (1998). Natural rubber latex hypersensitivity: Incidence and prevalence of type I allergy in the dental professional. *Journal of the American Dental Association: JADA*, *129*(1), 43-54, 111-113.

Liss, G.M., et al. (1997). Latex allergy: Epidemiological study of hospital workers. *Occupational and Environmental Medicine*, 54(5), 335-342.

Mace, S.R., et al. (1998). Latex allergy in operating room nurses. *Annals of Allergy, Asthma, & Immunology, 80*(3), 252-256.

Moore, P.D., & Pupp, G.R. (1999). Latex allergy and the podiatric surgeon. *Journal of Foot & Ankle Surgery*, 38(1), 75-78, 86-87, 89.

Rueff, F., Reibig, T.G., & Przybilla, B. (1998). Natural rubber-latex allergy in patients not intensely exposed. *Allergy*, *53*, 445-449.

Safadi, G.S., et al. (1996). Latex hypersensitivity in emergency medical service providers. *Annals of Allergy, Asthma & Immunology, 77,* 39-42.

Tarlo, S.M., Sussman, G.L., & Holness, D.L. (1997). Latex sensitivity in dental students and staff: A cross-sectional study. *Journal of Allergy and Clinical Immunology*, *99*, 396-401.

Worth, J. (1999). Neo-natal sensitization to latex: A medical hypothesis. *Journal of Nutritional & Environmental Medicine*, 9(4), 305-312.

Yeang, H.Y. (2000). Prevalence of latex allergy may be vastly overestimated when determined by in vitro assays. *Annals of Allergy, Asthma, & Immunology,* 84(6), 628-632.

Glove Selection and Use

Allmers, H., et al. (1998). Reduction of latex aeroallergens and latex-specific IgE antibodies in sensitized workers after removal of powdered natural rubber latex gloves in a hospital. *Journal of Allergy and Clinical Immunology, 102,* 841-846.

Brehler, R., Kolling, R., Webb, M., & Wastell, C. (1997). Glove powder: A risk factor for the development of latex allergy. *European Journal of Surgery*, *163*(Suppl 579), 23-25.

Cloud, J. (1998). Kid gloves...latex allergy? Nursing Standard, 13(4), 21.

Heilman, D.K., Jones, R.T., Swanson, M.C., & Yunginger, J.W. (1996). A prospective, controlled study showing that rubber gloves are the major contributor to latex aeroallergen levels in the operating room. *Journal of Allergy, Asthma & Clinical Immunology, 98,* 325-330.

Korniewicz, D. (1997). Intelligently selecting gloves. Surg. Serv. Management, 32, 13-15.

Korniewicz, D. M., & McLeskey, S.W. (1998). Latex allergy and gloving standards. *Seminars in Perioperative Nursing*, 7(4), 216-221.

Korniewicz, D.M., et al. (2001). Implementing a nonlatex surgical glove study in the OR. *AORN Journal*, 73(2), 435, 437-440, 442.

O'Gilvie, W. (1998). Medical gloves and glove materials. Professional Nurse, 14(3), 205-209, 211-212.

Roy, D.R. (2000). Latex glove allergy – a dilemma for health care workers: An overview. *AAOHN Journal*, 48(6), 267-277.

Petter, J.B., & Borel, L.C. (1998). Are you glove smart? Gloves 101. Latex Allergy News 5(9), 8-12.

White, I.R., & Wastell, C. (1998). Latex allergy and its link with glove powder. *ACORN Journal*, 11(4), 22, 25.

Latex Allergy and Spina Bifida

Faust, K., et al. (1999). A comparative analysis of latex allergy in the healthy versus high-risk pediatric population. *AANA Journal*, 67(5), 461-466.

Mazsn, A., et al. (2000). Latex sensitization in children with spina bifida: Follow-up comparative study after two years. *Annals of Allergy, Asthma, & Immunology, 84*(2), 207-210.

Meeropol, E. (1997). Latex allergy in children. Journal of Emergency Nursing, 23(2), 99.

Meeropol, E.V. (1998). The R.U.B.B.E.R. tool: screening children for latex allergy. *Journal of Pediatric Health Care*, *12*(6), 320-323.

Nakamura, C.T., et al. (2000). Latex allergy in children on home mechanical ventilation. *Chest*, *118*(4), 1000-1003.

Niggermann, B., et al. (1998). Latex provocation tests in patients with spina bifida: Who is at risk of becoming symptomatic? *Journal of Allergy and Clinical Immunology*, *102*, 665-670.

Cross-Reactions with Foods

No author. (2000). Latex, as a food additive. Latex Allergy News, 7(6), 1-3.

Beezhold, D.H., Reschke, J.E., Allen, J.H., Kostyal, D.A., & Sussman, G.L. (2000). Latex protein: A hidden "food" allergen? *Allergy and Asthma Proceedings*, 21(5), 301-306.

Beezhold, D.H., Sussman, G.L., Liss, G.M., & Chang, N.S. (1996). Latex allergy can induce clinical reactions to specific foods. *Clinical and Experimental Allergy*, *26*, 416-422.

Joneja, J.M.V. (1999). Oral allergy syndrome, cross-reacting allergens and co-occurring allergies. *Journal of Nutritional & Environmental Medicine*, 9(4), 289-303.

Perkin, J.E. (2000). The latex and food allergy connection. *Journal of the American Dietetic Association*, *100*(11), 1381-1384.

Legal Issues

No author. (1998). Big verdict spurs 200 latex lawsuits. Allergy Hotline, 7(11), 1, 4.

No author. (2000). Latex allergy victims score more legal victories: CA jury awards \$1 million, WI case upheld. *Hospital Employee Health*, 19(11), 129-130, 132.

Gelman, J. (1998). Latex allergies boost worker lawsuits. Latex Allergy News, 5(8), 2.

Gritter, M. (1998). Latex allergy cases: An opportunity for LNC's. *National Medical-Legal Journal*, 9(1), 1, 7-8.

Johns, C. (1997). Law and the emergency nurse. Latex allergy sufferers – the clock is ticking. *Journal of Emergency Nursing*, 23(2), 162-163.

Kohn, P. (1999). The legal side of latex allergy. Office Nurse, 12(5), 13-15.

Kohn, P., Ventura, M.J., & Celia, F. (2000). Latex allergies in the lab: What are your legal rights? *MLO: Medical Laboratory Observer, 32*(8), 40-42.

Laufman, A.K. (1999). The national latex allergy litigation – health care workers and others versus the glove manufacturers. *Latex Allergy News*, 6(6), 1, 6-7.

Mancusi, K. (1998). A primer on latex allergy sensitivity, litigation, and risk management: Part I: First of a two-part series. *Journal of Nursing Law*, 5(1), 29-37.

Mancusi, K. (1998). A primer on latex allergy sensitivity, litigation, and risk management: Part II. *Journal of Nursing Law*, 5(2), 21-39.

Updated by the American Latex Allergy Association, February 2007.