

134. Rappaport, S. M., H. Kromhout, E. Symanski. Variation of Exposure Between Workers in Homogeneous Exposure Groups. *Am. Ind. Hyg. Assoc. J* 54(11): 654–662, 1993.
135. Rappaport, S.M., Review: Assessment of Long-Term Exposures to Toxic Substances in Air, *Ann. Occup. Hyg.* 35(1):61-121, 1991.
136. Hewett P. Sample Size Formulae for Estimating the True Arithmetic or Geometric Mean of Lognormal Exposure Distributions. *Am. Ind. Hyg. Assoc. J.* 56: 219-221, 1995.
137. Nicas, M., and Spear, R.C. A Task-Based Statistical Model of a Worker's Exposure Distribution: Part I - Description of the Model. *Am. Ind. Hyg. Assoc. J.* 54(5):211-220, 1993.
138. Nicas, M., and Spear, R.C. A Task-Based Statistical Model of a Worker's Exposure Distribution: Part II - Application of Sampling Strategy. *Am. Ind. Hyg. Assoc. J.* 54(5): 221-227, 1993.
139. Armstrong, T.W., Pearlman, E.D., Schnatter, A.R., Bowes, S.M., Murray, N. and Nicolich, M., Retrospective Benzene and Total Hydrocarbon Exposure Assessment for A Petroleum Marketing and Distribution Worker Epidemiology Study, *Am. Ind. Hyg. Assoc. J.* 57(4) 333-343, 1996
140. Dodgson, J., J. Cherrie, and S.Groat: Estimates of Past Exposure to Respirable Man-Made Mineral Fibres in the European Insulation Wool Industry. *Ann. Occup. Hyg.* 31(4B):567-582, 1987.
141. Yu, R.L., W-Y. Tan, R.M. Mathew, D.A. Andjelkovich, and R.J. Levine: A Deterministic Mathematical Model for Quantitative Estimation of Historical Exposure. *Am. Ind. Hyg. Assoc. J.* 51(4):194-201, 1990.
142. Schneider, T., I. Olsen, O. Jorgensen, and B. Lauersen: Evaluation of Exposure Information. *App. Occup. Environ. Hyg.* 6(6):475-481, 1991.
143. Ramachandran, G., and Vincent, J.H. A Bayesian Approach to Retrospective Exposure Assessment. *Appl. Occ. Envir. Hyg.* 14(8):547-57, 1999.

8 ENROLLMENT OF SUBJECTS

8.1 Case Control Study

A Inclusion Criteria

In-patients of either gender 16-75 years of age presenting at any of the participating referral hospitals in Shanghai are candidates for enrollment in this study. The rationale for this age range is based on a relatively young workforce (18-60) and an expected maximum latency of 15 years