

- 用に関する研究 わが国における血清型分布. 感染症学雑誌. 58(1): 39-53, 1984.
- 55) Jackson LA, Neuzil KM, Yu O, *et al.* Effectiveness of pneumococcal polysaccharide vaccine in older adults. *N Engl J Med.* 348(18): 1747-1755, 2003.
- 56) Vila-Corcoles A, Ochoa-Gondar O, Guzman JA, *et al.* Effectiveness of the 23-valent polysaccharide pneumococcal vaccine against invasive pneumococcal disease in people 60 years or older. *BMC Infect Dis.* 10: 73, 2010.
- 57) Jackson LA. Pneumococcal polysaccharide vaccines. In : Plotkin SA, *et al.*, editors. *Vaccines.* 6th ed. Elsevier Saunders, pp542-572, 2013.
- 58) Maruyama T, Taguchi O, Niederman MS, *et al.* Efficacy of 23-valent pneumococcal vaccine in preventing pneumonia and improving survival in nursing home residents: double blind, randomised and placebo controlled trial. *BMJ.* 340: c1004, 2010.
- 59) Jackson LA, Benson P, Sneller VP, *et al.* Safety of revaccination with pneumococcal polysaccharide vaccine. *JAMA.* 281(3): 243-248, 1999.
- 60) CDC. Licensure of 13-valent pneumococcal conjugate vaccine for adults aged 50 years and older. *MMWR.* 61(21): 394-395, 2012.

