

:

()

ghazvinik@mums.ac.ir:

// : // :

:

()

()

:

Agar diffusion

% / :

(% /)

%

:

:

()

.(Wenzel 1995)

.(Wenzel 1995)

Groohi et al.2002;) % % /
.(Settle 1985; Askarian et al. 2004

()

Song et al. 2001; Taylor et al.)
1992; Ozumba and Jiburum 2000;
.(McManus et al. 1985a

Tryptic

McConky Agar TG Soy Broth
(Blood Agar)

(% /)
,(% /) (% /)
(% /) (% /)

% /
% /
()
% /

Murray)
(et al. 2002; Husain et al. 1989

() Agar Diffusion

() % NCCLS c
(R) (I) (S)
National Committee for Clinical)
(Laboratory Standards 1999

()

% /

Groohi et al. 2002; Vindenes and Bjercknes)
 1995; Pruitt and McManus 1984; Lawrence
 1985; McManus et al. 1985b; Rastegar Lari
 (et al. 2000

Vindenes)
 and Bjercknes 1995; Monafo and Freedman
 .(1987

Nasser)
 .(et al. 2003

Vindenes and Bjercknes 1995;)
 . (Monafo and Freedman 1987

Nasser et al.)
 (% /)
 .(2003

.(Manson et al. 1992)

Ozumba and Jiburum 2000; Nasser et al.)
 .(2003; Atoyebi et al. 1992
 % / % /

% /

Ozumba and)
 (Jiburum 2000; Vindenes and Bjercknes 1995

Song et al. 2001; McManus)
 et al. 1985a; Husain et al. 1989; Karyoute
 1989; Lari and Alaghebandan 2000;
 (Nasser et al. 2003

Vindenes)
 .(and Bjercknes 1995

Groohi et al. 2002; Taylor et al.)
 1992; Husain et al. 1989; Manson et al.
 1992; Karyoute 1989; Nasser et al. 2003;
 Pruitt and McManus 1984; Lawrence 1985;

.(% /)

McManus et al. 1985b; Rastegar Lari et al.
(2000)

Taylor et al. 1992; Vindenes)
(and Bjerknes 1995; Gang et al. 2000

Karyoute)
1989; Jones et al. 1986; Law et al. 1994;
(Spera and Tarber 1992

() Lari and)
(Alaghebandan 2000

- intensive care burn unit. *Arch Surg* **120**, pp. 217–23.
- Monafo, W.W., and Freedman, B., 1987. Topical therapy for burns. *Surg Clin North Am.* **67**, pp. 133–45.
- Murray, P.R., Rosenthal, K.S., Kobayashi, G.S. and Pfaller, M.A., 2002. Medical Microbiology. 4th.ed. Philadelphia: Mosby. pp. 78- 81.
- National Committee for Clinical Laboratory Standards., 1999. Performance standards for antimicrobial susceptibility testing. Ninth informational supplement, vol. 18, number 1. National Committee for Clinical Laboratory Standards, Wayne, Pa.
- Ozumba, U.C. and Jiburum, B.C., 2000. Bacteriology of burn wounds in Enugu, Nigeria. *Burns.* **26**, pp. 178–80.
- Pruitt, Jr B.A., and McManus, A.T., 1984. Opportunistic infections in severely burned patients. *Am J Med.* **76**, pp. 146–54.
- Rastegar Lari, A., Alaghebandan, R. and Nikui, R., 2000. Epidemiological study of 3341 burn patients during three years in Tehran, Iran. *Burns.* **26**, pp. 49-53.
- Nasser, S., Mabrouk, A. and Maher, A., 2003. Colonization of burn wounds in Ain Shams University Burn Unit, *Burns.* **29**, pp. 229–233.
- Settle, J.A.D., 1985. Infection in burns. *J Hosp Infect.* **6**(Suppl B), pp. 19–29.
- Song, W., Lee, K.M., Kang, H.J., Shin, D.H. and Kim, D.K., 2001. Microbiological aspects of predominant bacteria isolated from the burn patients in Korea. *Burns.* **27**, pp. 136–9.
- Spera, R.V. and Tarber, B.F., 1992. Multiply-resistant *Enterococcus faecium*: the nosocomial pathogen of 1990s. *JAMA.* **268**, pp. 2563–4.
- Taylor, G.D., Kibsey, P., Kirkland, T., Burroughs, E. and Tredget, E., 1992. Predominance of staphylococcal organisms in infections occurring in a burns intensive care unit. *Burns.* **18**, pp. 332–5
- Vindenes, H. and Bjercknes, R., 1995. Microbial colonization of large wounds. *Burns.* **21**, pp. 575–9.
- Wenzel, R.P., 1995. The economics of nosocomial infections. *J Hosp Infect.* **31**, pp. 79-87.
- Askarian, M., Hosseini, R.S., Kheirandish, P. and Assadian, O., 2004. Incidence and outcome of nosocomial infections in female burn patients in Shiraz, Iran. *Am J Infect Control.* **32**(1), pp. 23-6.
- Atoyebi, O.A., Sowemimo, G.O.A. and Odugbemi, T., 1992. Bacterial flora of burn wounds in Lagos, Nigeria: a prospective study. *Burns.* **18**(6), pp. 448–51.
- Gang, R.K., Sanyal, S.C., Bang, R.L., Mokaddas, E. and Lari, A.R., 2000. Staphylococcal septicemia in burns. *Burns,* **26**(4), pp. 359- 66.
- Groohi, B., Alaghebandan, R. and Lari, AR., 2002. Analysis of 1089 burn patients in province Kurdistan. *Iran. Burns.* **28**, pp. 569.
- Husain, M.T., Karim, Q.N. and Tajuri, S., 1989. Analysis of infection in a burn ward. *Burns.* **15**, pp. 229–302.
- Jones, W.G., Barie, P.S. and Yurt, R.W., 1986. Goodwin CW. Enterococcal burn sepsis. *Arch Surg.* **121**, pp. 649–53.
- Karyoute, S.M., 1989. Burn wound infection in 100 patients treated in the Burn Unit at Jordan University Hospital. *Burns.* **15**, pp. 117–9.
- Lari, A.R. and Alaghebandan, R., 2000. Nosocomial infections in an Iranian burn care center. *Burns.* **26**, pp.737–40.
- Law, E.J., Belcher, K. and Still, J.M., 1994. Enterococcal infections as a cause of mortality and morbidity in patients with burns. *J Burn Care Rehabil.* **15**, pp. 236–9.
- Lawrence, J.C. 1985. The bacteriology of burns. *J Hosp Infect.* **6**(Suppl B), pp. 3–17.
- Manson, W.L., Pemot, P.C.J., Fidler, V. Sauer, E.W. and Klasen, H.J., 1992. Colonization of burns and duration of burns of severely burned patients. *J Hosp Infect.* **22**, pp. 55–63.
- McManus, A.T., Masonm, Jr AD., McManus, W.F. and Pruitt, Jr BA., 1985. Twenty-five years review of *Pseudomonas aeruginosa* bacteremia in a burn center. *Eur J Clin Microbiol.* **4**, pp. 219–23.
- McManus, A.T., McManus, W.F., Mason, Jr A.D., Aitchison, A.R. and Pruitt, Jr B.A., 1985. Microbial colonization in a new