

# REFERENCES

- Abram S E . (1989) :** Pain-acute and chronic.In:Barash PG,Cullen BF,Stoelting RK.Clinical anesthesia . Philadelphia:J.B. Lippincott Co,1989;1427-54.
- Aggarawal BB and Gutterman JU. (1992) :** Human cytokines  
In:Handbook for basic and clinical researches .Boston: Blackwell Scientific Publications ;10:2.
- Aggarwal BB , Puri RK.(1995) :** Common and uncommon features of cytokine and cytokine receptors:An overview.In :Human cytokines.Their role in disease and therapy.Blackwell Science.;1:1-24.
- Alauhtta S , Kangas-Sarrelä T, Hollmen AL, and Edström HH(1990)**  
Visceral pain during caesarean section under spinal and epidural anaesthesia with bupivacaine . Acta Anaesthesiol Scand ; 34:95-8.
- Atkinson RS, Rushman GB , and Alfred Lee J. (1987) :**  
Extradural block.In:A synopsis of Anaesthesia 10<sup>th</sup> ed .;32:694-713.
- Austin KL, Stapleton JV, and Mather LE. (1981) :** Pethidine clearance during continuous intravenous infusion in post-operative patients .Br J Clin Pharmacol ;1:25-30.
- Barton BE. (1997) :** IL-6 insights into novel biological activities.Clinical Immunology and immunopathology ;85:16-20.
- Barton RN and Passingham BJ . (1981) :** Effect of binding to plasma proteins on the interpretation of plasma cortisol concentrations after accidental injury.Clin Sci ;61:399-405.
- Basbaum AL. (1981) :** Descending control of pain transmission :possible serotonergic-enkephalinergic interactions. Advances in Experimental Medicine and Biology ;133:177-89.
- Baynes RD,Reddy JK,Shih YJ,Skine BS, and Cook JD. (1993) :** Serum erythropoietin receptor identified by a sequence specific peptide antibody.Blood ;82:2088-95.

- Behbehani M . (1986):** Physiology of pain: In:Raj PP. ed .Practical management of pain .Chicago, London :Year book Medical Publisher ;61-77.
- Bentely JB ,Nenad RE , and Gillespie TJ. (1982) :** Age and Fentanyl pharmacokinetics.Anaesth Analg ;61:968-71.
- Besson J , and Chaouch A. (1987) :** Peripheral and spinal mechanisms of nociception. Physiol Rev ;67:67-186 .
- Biebuyck JF ,Phil D and Weissman C. (1990) :** The metabolic response to stress :An overview and uptake .Anesthesiology ;73:308-27
- Bonica JJ . (1982):** Management of cancer pain . (1982) : Acta Anaesthesiologica Scand ;Suppl .74:75-82.
- Bonica JJ. (1990) :** Anatomic and physiologic basis of nociception and pain .In Bonica JJ .ed . The management of pain . Second edition . Philadelphia ,London :Lea and Febiger , 1:28-94.
- Bonnet F , Harari A, Thibonnier M, and Viars P . (1982) :** suppression of anti-diuretic hormone hypersecretion during surgery by extradural anesthesia .Br J Anesthesia ;54:29-35.
- Bovill JG.(1997):** Opioid drugs .Anaesthetic physiology and pharmacology 1<sup>st</sup> ed. Churchill Livingstone ;17:227-52.
- Bridenbaugh OP.(1994):** Pre-emptive analgesia. Is it clinically relevant? Anesth Analg ;78:203-4.
- Brown AD, Wallace PD ,and Brechtel G.(1987):** In vivo regulation of non insulin mediated and insulin mediated glucose uptake by cortisol. Diabetes; 36:1230-7.
- Casey KL ,and Morrow TJ . (1983) :** Ventral posterior thalamic neurons differentially responsive to noxious stimulation of the awake monkey . Science ; 221:675-96 .

- Catling JA , Pinto DM , Jordon C ,and Jones JG . (1989) :** Respiratory effects of analgesia after cholecystectomy :comparison of continuous and intermittent papveretum . Br Med J ; 28:478 .
- Chapman CR . (1989) :** Assessment of pain . In :Nimmo WS Smith g eds. Anaesthesia Edinburgh :Blackwell scientific publication ;1149-65.
- Christian CM , Waller JL , and Moldehour CC . (1983) :** Post-operative rigidity following fentanyl anaesthesia . Anesthesiology ;58:275-7.
- Coleman SA , and booker-Milburn J . (1996) :** Audit of postoperative pain control .Influence of a dedicated of acute pain nurse Anaesthesia ;51:1093-1096.
- Cousins MJ , and Bromage PR . (1988) :** Epidural neural blockade in clinical anesthesia and management of pain ,2<sup>nd</sup> ed . JB Lippincott Company , ;8:253-360.
- Covino BG . (1986) :** Pharmacology of local anesthesia agents Br J Anaesth ;58:701-16.
- Creed F Caring T, and farmer R . (1988) :** Functional abdominal pain , psychaiatric illness and life events . Gut ;29:235-42.
- Dahl JB ,and Kehlet H . (1993) :** Pre-operative epidural fentanyl ,neuroplasticity and post-operative pain . Anesthesiology ;78:801-3.
- Dauglas RG , and Show JHF. (1989) :** Metabolic response to sepsis and trauma . Br J Surg ;76:115-22.
- Deuel TF ,Kawahara RS , Mustoe TA , Pierce AF . (1991) :** Growth factors and wound healing :Platelet -derived growth factors as a model of cytokines Annu Rev Med ;42:567-84.
- Dewitt DL . (1991) :** Prostaglandin endoperoxide synthase :Regulation of enzyme expression . Biophys Acta ;1093:121-34.
- Dhabahar SF , Miller HA , McTwen SB , and Spencer LR . (1995) :** Effects of stress on immune cell distribution dynamics and hormonal mechanisms The Journal of Immunology ;154:5511-27.

**Dinarello CA ,and Thompson RC . (1991) : Blocking IL-1:interlukin 1 receptor antagonist in vitro and in vivo . Immunology Today ;12:404-10.**

**Downie WW ,Leatham PA, Rhind VM , Wright V, and Branco JA . (1978) : Studies with pain rating scales . Ann Rheum Dis. ;37:378-81.**

**Dwaracanath GK . (1991):Pathophysiology of pain. In Warfield CA . Manual of pain management . Philadelphia , New York , London , Hagerstown :J.B. Lippincott Co , ;3-9..**

**Edwards AE ,and Smith CJ . (1995) : Anaesthesia and immune system in Healy T ,Cohen P . Practice of anesthesia , 6<sup>th</sup> ed . Edward Arnold ;1:581-600.**

**Eklblom A , and Hansson P. (1988) : Pain intensity measurements in patients with acute pain receiving afferent stimulation . J Neural Neurosurg . Psychiat ;51:481-6.**

**Engelmann H , Aderka D , Rubinstein M,and Rotman D . (1989) : , A human tumor necrosis factor –binding protein purified to homogeneity from human urine protects from tumor necrosis factor toxicity . J Biol Chem ;264:11974-8 .**

**Etches RC. (1994) :Respiratory depression associated with patient – controlled analgesia : a review of eight cases . Can J Anaesthe .,41 :125-9.**

**Fee H . (1996) : Drugs used to supplement anaesthesia . In : Aitkenhead AR and Smith G . Text book of Anaesthesia , 3<sup>rd</sup> ed . Churchill Livingstone ,159-78.**

**Ferrguson J (1995) :The development of a postoperative pain service (1): an overview . Br J Theatre Nurse ;5:28-31.**

**Field L (1996) : Are nurses still underestimating patients pain postoperatively ? BR J Nures ,5: 778-784 .**

**Foley KM . (1982) : Clinical assessment of cancer pain . Acta Anaesethrsiology Scand ,Supp. 78:91-6.**

**Frayn KN (1985) : Little RA , Maycock PF , Stoner HB . The relationship of plasma of catecholamines to acute metabolic and hormonal responses**

to injury in man . *Circ Shock* ., 16:229-40

**Fujiware R and Orita K. (1987)** :The enchantment of the immune response by pain stimulation in mice . *The journal of Immunology* , ;138 :3699-703

**Gan TJ,Ginsberg B, Gass PS, Fortney J, Javeri R, and Perno R(1997):** Opioid sparing effects of low dose naloxone, in patient administered morphine sulphate . *Anaesthesiology*;87:1075-1081.

**Ganong WF .(1991)** : Review of medical physiology Fifteenth edition . Beirut: Appleton and Lange ; 124-35 .

**Gardoeik JK ,and YelnoshyJA.(1984):** A study of some of the pharmacological actions of fentanyl citrate. *Toxicology and applied pharmacology* ;6:48-62.

**George JM , Reier CA , Lanese RR , and Rower MJ. (1974)** : Morphine anaesthesia blocks cortisol and growth hormone response to surgical stress in humans *J Clin Endocrinal metabo* ;38:736-41.

**Giesler GJ , Yeziarski RP , Gerhart KD ,and Wills WD .(1981)** : Spinothalamic tract neurons that project to medial and \or lateral thalamic neucli:Evidence for a physiologically novel population of spinal cord nerons . *J Neurophysiol* ; 46:1285-98.

**Goldyne ME (1987):** Prostaglandin and other eicosanoids In: Katjung BG :Basic and clinical pharmacology 3<sup>rd</sup> ed . Appleton and Lange ;17:211-21.

**Gould TH ,Upton PM ,and Collins P .(1992)** : A survey of the intended management of acute postoperative pain by newly qualified doctors in the south west region of England . *anaesthe .* ; 49:807-801) .

**Grell FL , Koons RA ,and Denson JS . (1970)** : Fentanyl in anaesthesia : Report of 500 cases . *Anaesthe. Analg .* ;49:523-32.

**Guyton AC. (1991)** : Text book of medical physiology . Eighth edition . Philadelphia , London , Toronto , Montreal , Sydney , Tokyo : WB . Saunders company , 520-31.

- Hall GM ,and Desborough . (1992) :** IL-6 and the metabolic response to surgery . Br J Anaesthe . ;69:337-8.
- Halter JB , Pflug AE,and Porte D . (1977) :** Mecanism of plasma catecholamines increases during surgical stress in man . J Clin . Endocrinal Metabolic , 45:936-40.
- Hamer M,and Davies KA .(1998) :** The education , assessment and a standardised prescription on postoperative pain management . Anaesthesia ; 53:424-430.
- Hanning CD , Vickers AP , Smith G , Graham NB ,and McNeil ME . (1998) :** The morphine hydrogel suppository :a new sustained release rectal preparation . Br J Anaesthe . ; 61: 221-228.
- Harrison SJ ,and Pannel MA . (1997) :** Anaesthesia and the pharmacological management of psychiatric illness In : Kaufman L , Ginsburg R . Anaesthesia Review ; 15:273-90.
- Haugan FP . (1968) :** The autonomic nervous system and pain . Anesthesiology ; 29:785-92.
- Hellstrand K , Hermodsson S , and Strannegard O . (1985) :** Evidence for  $\beta$  -adrenoreceptor mediated regulation of human natural killer cells . Journal of Immunology ; 134:4095-9
- Henney CP , Odoom JA , Ten CW , Ooster Hoff RJF , Obhoiwala NF ,and Sih IL . (1986) :** Effects of extradural bupivacine on hemostatic system . Br J Anaesthe ;58:301-5
- Holly FO ,and Van Steenis C . (1988) :** Postoperative analgesia with fentanyl pharmacokinetics and pharmacodynamics of constant rate i.v . and transdermal delivery . Br J Anaesth ; 60:608-13
- Hopkins D, Shipton EA, and Potgieter D.(1998):** Comparison of tramadol and morphine via PCA following surgery Can.J Anaesthe.;45:435-442.
- Huskinsson EC . (1974) :** Measurement of pain ;9:1127
- Jaattela A , Alho A , Avikainen V , Karaharju E , Kataja V , Lahdensu M , Lipisto P and Terio . (1975) :** Plasma catecholamines in severely

injured patients : A prospective study on 45 patients with multiple injuries . Br J Surg 62:177-81.

**Jablons MD , Mule JJ ,and McIntash JK .(1998) :** IL-6L/IFN – beta 2 as a circulating hormone by cytokine administration in humans . J Immunolo ;142:1542-7

**James B, and Lee SC .(1995) :** Inflammation and non – steroidal anti – inflammatory drugs : Prostaglandin and non prostaglandin synththesis inhibitors In : Smith and Peynard . Essentials of pharmacology ;15:147-81.

**Janssen PAJ .(1992) :** A review of chemical features associated with strong morphine like activity . Br J Anaesthe ;34:360-8.

**Joris J, Cigarini I , Legrand M , Jacquet N , Groote DD ,and Franchimont P , (1992) :** Metabolic and respiratory changes after cholecystectomy performed via labarotomy or labaroscopy . Br J Anaeth ;69:341-5.

**Karayiannakis AJ , Makri GG , Mantjioka A , Karosas D , and Karatjas G ,(1997) :** Systemic stress response after laparoscopic or open cholecystectomy : a randomized trial . Br J Surgery ;467:71.

**Kaufman L ,and Ginsburg R. (1997) :** Update analgesic agents in Anesthesia review ;17:305-19.

**Keefe VO , Miert MMV , Porker CJR . Salmon P ,and Shenkin A.(1995) :** Patient controlled analgesia and plasma glucose response to surgery . Br J Anesthe 56:226-30.

**Kimball E , Pickeral SLF , Oppenheim JJ , and Rossioj L .(1984) :** Interleukin 1 activity in normal human urine . J Immunol ;133:256-60.

**Koj A , Gauldie J ,Regoecji E ,Sauder DN, and Sweeney GD .(1984) :** The acute phase response of cultured rat hepatocytes . System characterization and the effect of human cytokines . biochem J ;224-505.

**Kuby J ,(1992) : Cytokines In :Immunology . WH Freeman and company . USA ; 11:245-71 .**

**Kundra P , Gurnami A ,and Bhtlacharya A ,(1997) : A pre-emptive epidural morphine for postoperative pain relief after lumbar laminectomy . Anaesthe analge ;85:135-8.**

**Labille T , Clerague F , Smail K, Ecoffey C ,and Berdaux A . (1985) : Ventulatory response to CO 2 following intravenous and epidural lidocaine . Anesthesiology ;63:179-183.**

**Laurence DR,and Benett PN . (1987) : inflammation and non steroidal anti-inflammatory drugs . In : Clinical pharmacology , 6<sup>th</sup> ed . Churchill Livigstone ; 15:279-300.**

**Lee JB and Katayama S. (1992): Inflammation and non steroidal anti-inflammatory drugs . In Smith and Reynard . Textetbook of pharmacology , WB Saundres Company ; 28:401-35.**

**Le F ,and Vilcek J . (1989) :IL-6: A multifunctional cytokine regulating immune reactions and the acute phase protein response . Lab Investigation ;61:588-99.**

**Le F , Vilcek J . (1989) :IL-6: A multifunctional cytokine regulating immune reactions and the acute phase protein response . Lab Investigation ;61:588-99.**

**Lund C , Hansen OB , and Mogensen(1987) : Effect of thoracic epidural Bupivacaine on somatosensory evoked potentil after dermatomal stimulation . Anaesthe Analg ; 66:731-4**

**Mal D , Champion B , Cooke A , and Owen M.(1991) : Cytpkines : In advances immunology 2<sup>nd</sup> ed . Growth Medical Publishing ;11:8.**

**Malliani A , Pagani M , and Lombardi F . (1984) : Visceral versus somatic mechanisms In : Wall PD , Melzack R .Textbook of pain . Edinburg , London , Melbourne , New York : Churchill Livingstone ; 100-5.**

**Markus Hecher , Foegh ML and Rawell PW . (1995) :Ecosanoids: Prostaglandines , Thromboxanes , Leukotrines and related compounds .**

In Basic and clinical pharmacology 6<sup>th</sup> ed . Appleton and Lange ; 18:290-304 .

**Mather E . (1983) :** Clinical pharmacokinetics studies of fentanyl and its newer derivatives . Clinical Pharmacokinetics ; 8:422-46 .

**McKenjie PJ ,and Loach AB . (1986) :** Local anaesthesia for orthopedic surgery . Br J Anaesthe ; 58:779-89

**Melzack R ,and Katz J . (1994) :** Pain measurement . In : Wall PD, Melzack R eds . Textbook of pain . Third edition . New York :Churchil Livingstone ;337-57 .

**Mihara M, Ikuta M , Koishihara Y ,and Ohsugi Y . (1992) :** Interleukin -6 inhibits the development of adjuvant arthritis . Eu J Immunol ; 21:2337-31.

**Millan MJ ,and Colpaert FC . (1990) :** 5-hydroxytyramine (HT) 1A receptors and the tail flick response . 11. high efficacy 5-HT 1A agonists attenuate morphine - induced anti-nociception in mice in a competitive like manner . J Pharma Exp Ther ; 256:983-92.

**Moir DD . (1986):** local anaesthetic technique in obstetrics Br J Anaesthe ;58:747-59.

**Morre DC , Bridenbough LD ,and Bridenbough PO , (1971) :** Bupivacaine hydrochloride : A summery of investigation use in 3274 cases . Anesthe Analg ;50:856-69 .

**Morre DC , Bridenbough LD , Bridebough PO ,and Hortonn WG . (1974) :** Double blind study of bupavacaine and etiodcaine for epidural blockade . anesth analg ; 56:690-7.

**Morre DC , Bridenbough LD , Bridenough PO ,and Hortonn WG. (1975) :** Bupivacaine compared with etidocaine for vaginal delivery . Anaesthe Analg ; 54: 250-6

**Morre CM , Desborough JP , Burin JM and Hall GM . (1992) :** IL-6 and pituitary hormone response to surgery . Journal of Endocrinology ; 132(supp) :207.

- Moriarty GM ,and Bullitt E . (1986) :** Role of , psychiatric and psychologilologist in pain clinic . In : Raj PP ,ed . Practical management of pain . Chicago , London : Year Book Medical publisher ;
- Navarra P, Pojjoli G , Brunetti L , Ragajjeni E, Besser M, and Grossman A .,(1992) :** A. Interleukin -1 beta and interleukin -6 specefically increase the release of prostaglandine E2 from rat hypothalamic explants in vitro . Neuroendocrinology ;56:61-8.
- Nayman J . (1979) :** Measurement and control of postoperative pain . Ann R Coll Surg Engl ; 61:419-26.
- Neugebauer E , Hemple K , Sauerland S , Lempa M , and koch G . (1998) :** Results of representative , anonymous survey of 1000 surgical clinics Chirurg ; 69:461-466.
- Newsome NH ,and Rose JC .(1971):** The response of human adrenocorticotrophic hormone and growth hormone to surgical stress . J Clin Endocrinal Metabol ; 33:481-7.
- Ohzato H , Yashizaki W ,and Nishimoto N .(1992) :** Interleukin -6 as a new indicator of inflammatory status . Detection of serum levels of interleukin -6 and C reactive protein after surgery . Clinical immunology and immunopathology ; 111:201-9.
- Oppenheim JJ and Ruscetti FW . (1997) :** Cytokines: Medical immunoigy 9<sup>th</sup> ed . Appleton and Lange ; 10: 146-68.
- Payan DG and Katjung BG . (1995) :** non – steroidal anti – inflammatory drugs non-opioid analgesics ; Drugs used in Gout . In : Watjung BG . Basic and Clinical Phamacoigy 6<sup>th</sup> ed ; 536-60.
- Peakman M ,and Vergani D . (1997) :** Major cytokines , cells releasing them , targets and functions in : Basic and clinical immunology . Churchill Livingstone ;324:3-25.
- Peng WH, and Sandler AN.(1990):** A review of the use of fentanyl analgesia in the management of pain in adults. Anaesthesiology ;90:576-599.
- Perlstein R , Whitnall M, Abrams J , Mougey E ,and Neta R . (1993) :** Synergistic roles of interleukin -6 , interleukin -1 and tumor necrosis

factor in the adrenocorticotropin response to bacterial lipopolysaccharide in vivo . Endocrinology ; 132: 946-52.

**Pugh GS, and Drummond GB . (1987) :** A dose response study with Naluphine hydrochloride for pain in patients after upper abdominal surgery . Br J Anaesthe 59:1356-63.

**Purdy G , Currie J ,and Owen H . (1987) :** continuous extradural analgesia in labor . Comparison between "on demand and regular top-up injections . Br J Anaesthe ; 59:319-24.

**Raja SN , Meyer RA ,and Campbeii JN. (1988) :** Peripheral mechanisms of somatic pain . Anaesthesiology ; 68: 571-90.

**Rang HP , Dole MM ,and Ritter JA . (1995) :** Anti-inflammatory and immunosuppressant drugs . In : pharmacologg , 3<sup>rd</sup> ed. Churchill Livingstone London ,;12: 246-68 .

**Rasow CE , Moss J , Philbin DM ,and Savanse JJ. (1982) :** Histamine release during morphine and fentanyl anaesthesia . Anaesthesiology ; 65:93-6.

**Rang HP and Urban L .(1995) :** New molecules in analgesia . Br J Anaesthe 1995; 75:145-56.

**Rawal N, (1997) :** Acute pain services should be nurse based . Acute pain ; 1:50-52.

**Renz H , Domenico J ,and Gelfland E . (1991) :** IL-4 dependent up on regulation of IL-4 receptor expression in murine T and Bcells J Immunolo ; 146:3049-55.

**Revill SL, Rosen JO , ROSEN M , and Hogy MIJ . (1976) :** The reliability of a liner analogue for evaluating pain . Anaesthesia ; 31:1191-8.

**Reynolds FJM . (1984) :** Spinal and epidural block In: Churchill Davison HC . A practice of Anaesthesia 5<sup>th</sup> ed ; 32: 865-88.

**Richards CD , and Gauldie J . (1995) :** role of cytokines in acute phase response In : Aggrawal BB and Puri RK . Human cytokines. Their role in disease and therapy. Blackwell Science , Inv. ;15: 253-69

**Rockman GM , Seeling W , Bischof C , Borstinghaus D and Steffen P.**  
(1996) : prophylactic use of mepivacine , morphine , systemic diclofenec and metamyzole reduces postoperative morphine , consumption after major abdominal surgery .Anesthesiology ; 84: 1027-34.

**Rowbatham DJ , Wyld R , Peacock JE , Duthie DJR ,and Nimmo WS .**  
(1989) : Transdermal fentanyl for the relief of pain after upper abdominal surgery . Br J Anaesthe 63:56-9.

**Royblat L, Korotko A, Katz J , Glazer M, Greemberg L, and Fisher A.**(1993): postoperative pain :the effect of low dose ketamine in addation to general anesthesia . Anaesthe.Analges . ; 77:1161-1165.

**Rutberg H , Jorfeldt H ,and Martensson J. (1985) :** Effects of extradural administration of morphine or Bupivacaine on metabolic response to upper abdominal surgery . Br J Anaesthe ; 57:394-99 .

**Rutter RC ,and VanSteenis C . (1988) :** Postoperative analgesia with fentanyl : Pharmacokinetics of constant rate . I.V . and transdermal delivery . Br J Anaesthe ; 60:608-13.

**Savarese JJ ,and Covino BG . (1986) :** Basic and clinical pharmacology of local anesthetic drugs in Miller RD . Anesthesia 2<sup>nd</sup> ed. Vol . 2 New York , Edinburgh , London , Melbourne : Churchill Livingstone ; 985-1007.

**Schall TJ .(1991) :** - Biology of the cytokine ; 3: 1-18 .

**Schug SA.(1999):** Intramuscular opioids. The slow extinction of a dinosaur .;56-58

**Sechzer PH . (1971) :** Studies in pain with the analgesic demand system . Anaesthesia ; 50:1-10.

**Segawa H , Mori K , Wasai K , Fukata J , and Nakao K . (1996) :** The role of phrenic nerve in stress response in upper abdominal surgery . Anaesthe :82:1215-24.

**Shamoon H , Hendler R and Sherwin RS . (1981) :** Synergistic interaction among anti-insulin hormones in the pathogenesis of stress hyperglycemia in humans .J Clin Endocrinol Meta ; 52: 1235-41.

**Shapan HAF. (1991) :** permanent coeliac plexus block with 50% alcohol for relief of upper abdominal visceral cancer pain. Thesis, MD Anaesthe Alex: University of Alexandria; Faculty of Medicine, 23-31.

**Show G, and Kamen R . (1986) :** A conserved AU sequence from 3 untranslated region of GM-CSF and m- RNA mediates selective m-RNA degradation .Cell ; 46:659-67.

**Show JHK and Wolfe RR.(1988):** Metabolic intervention in surgical patients. Ann Surg ;207:44-52.

**Show JHF and Wolfe RR .(1989) :** An integrated analysis of glucose , fat and protein metabolism in severely traumatized patients ; studies in the basal state and the response to intravenous nutrition. Ann Surg ;207:63-72.

**Shug SA, Sidebotham DA, McGuinnety M, Thomas J, and FoxL(1998):**  
Acetaminophen as an adjunct to morphine by patient controlled analgesia in the management of postoperative pain . Anaesthe. Analges. 87:368-372.

**Sidebotham D, Dijkhuizen MR, and Shug SA.(1997):** The safety and utilization of patient controlled analgesia . J Pain symptome Management ;14:202-209.

**Simmons PS, Miles JM, Gerich JE, and Haymond MW.(1984):** Increased proteolysis: An effect of increases in plasma cortisol and within the physiologic range. J Clin Invest; 73:412-20.

**Smith CM. (1995):** Opioid analgesics agonists and antagonists. In: Smith CN and Reynard AM. Essential of pharmacology. WB Saunders Company ; 14:128-46.

**Smith CM .(1992 -a):** Local anesthesia and local anesthetics. In: textbook of pharmacology 9<sup>th</sup> ed. WB Saunders Company; 17: 213-625.

**Smith CM.(1992 -b):** Opioid analgesics agonists and antagonists in Smith CM and Reynard AM. Essential of pharmacology WB. Saunders Company ; 18: 226-250.

**Stanley TH , Berman J, Green O, and Robertson D.(1980):** Plasma Catecholamine and cortisol responses to fentanyl-oxygen anaesthesia for coronary artery operations. *Anaesthesia*; 53:250-3.

**Sternbach RA.(1984):** Acute versus chronic pain. In: Wall PD, Melzack R. eds. *Textbook of pain*. Edinburgh, London, Melbourne, New York: Churchill Livingstone; 17-7.

**Stjernstrom H, Jorfeldt L and Wiklund L.(1981):** Interrelationship between splanchnic and leg exchange of glucose and other blood-borne energy metabolites during abdominal surgery. *Clin physiology*; 1: 59 – 72.

**Stoelting RK, Gilles PS, and Creason SCW,(1975):** Hemodynamic and ventilatory responses to fentanyl droperidol and nitrous oxide. *Anaesthesia*; 42: 319-29.

**Tatpal K ,and Aggarwal PP (1991) :** Interleukin –4 potentiate the antiproliferative effects of tumor necrosis factor against different tumor cell lines . *Cancer Res* ; 51:4266-70 .

**Terry Simpson RN , Gary Wahl , Micheal D , Evan S, and Davis T . (1992) :** The effects of epidural versus parenteral opioid analgesia on postoperative pain and pulmonary function in adults who have undergoing thoracic and abdominal surgery . A critique of research ; 21: 125-38.

**Theoharides TC.(1992) :** Local anesthetic agents. In: *Essentials of basic science : Pharmacology 1<sup>st</sup> ed* . Little, Brown and Company : Boston, Toronto: London ; 8: 452-64.

**Theoharides THC , and Spierings ELH (1992):** . Control of pain and inflammation . In : *Essentials of Basic Science pharmacology 1<sup>st</sup> ed* . Little , Brown and Company ; 7: 363-420 .

**Thomas DW, and Owen H . (1988) :** Patient – controlled analgesia. The need for caution . *Anaesthesia* ; 43: 110-2

**Tonnesen E , Brinklov MM , Christensen NJ , Olesen AS and Madsen T . (1987) :** Natural killer cell activity and lymphocyte function during and after coronary artery bypass grafting in relation to the endocrine stress response . *Anaesthesiology* ; 67: 526-33.

- Traynor C , Paterson JL and Ward ID . (1982) :** Effects of extradural analgesia and vagal blockade on metabolic and endocrinal response to upper abdominal surgery . Br J Anaesthe. ; 54:319-23 .
- Tsuj I , Asoh T , Takeuchi Y and Shiraska C . (1983) :** Attention of adrenocortical responses to upper abdominal surgery with epidural blockade . Br J Surgery ; 70:122-4 .
- Twycross RG . (1982) :** Ethical and clinical aspects of pain treatment in cancer patients . Acta Anaesthesiology Scand ; Suppl . 74:83-90.
- Wall PD . (1978 ) :** The gate control theory of pain mechanisms. Are-examination and restatement . Brain ; 101:1-18 .
- Wall PD . (1984) :** In: Textbook of pain Edinburg , London , Melbourne , New York : Churchill Livingstone , ; 1-18 .
- Wall PD . (1991) :** The prevention of postoperative pain . Pain ; 33: 289-90
- Walsh ES , Paterson JL , O, Riordan JBA , and Hall GM . ( 1981) :** Effect of high dose fentanyl anaesthesia on the metabolic and endocrinal response to cardiosurgery . Br J Anaesthe ; 53: 1155-65
- Warfield CA ,and Stein JM . (1991) :** Psychologic factors in pain management . In : Warfield CA . Manual of pain management . Philadelphia , New York , London , Hagertown :j. b . Lippincott Co.,; 16-9.
- Way WL, Wayt EL and Fields HL . (1995) :** Opioid analgesics and antagonists . In : Katzung BG . Basic and clinical pharmacology , Lange medical book 6<sup>th</sup> ed. :30P:460-6.
- White PF. (1987) :** Mishaps with patient controlled analgesia. Anaesthesiology ; 66: 81-3.
- Wildsmith JAW . (1986) :** Periphreal nerve and local anaesthetic drugs . Br J . Anaesthe ; 58: 692-700 .
- Wills WD . (1984) :** The origin and destination of involved in pain transmission . In: Wall PD , Melzack R . Textbook of pain . New York :Churchill Livingstone ; 88-98 .