



Faraz A. Khan

Clinical Associate Professor, Surgery - Pediatric Surgery

CLINICAL OFFICE (PRIMARY)

- **Pediatric General Surgery Clinic**

730 Welch Rd

MC 5883 2nd Fl

Palo Alto, CA 94304

Tel (650) 723-6439

Fax (650) 725-5577

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Samrawit Gebregziabher - Administrative Support

Email samrawit@stanford.edu

Tel 6507236439

Bio

CLINICAL FOCUS

- Pediatric Surgery
- Surgical Critical Care
- Neonatal Surgery
- Minimal Access Surgery
- Inflammatory Bowel Disease
- Pediatric Solid Tumors
- Pediatric and Neonatal Thoracic Surgery
- Congenital Diaphragmatic Hernia

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Surgery - Pediatric Surgery
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- MS3 surgery curriculum evaluation Committee member, Loma Linda University, (2019-2023)
- Pediatric Surgery liaison for the ACS National Surgical Quality Improvement Program(ACS NSQIP-p), Loma Linda University, (2021-2023)
- Director of Pediatric Surgical Critical Care, Lucile Packard Children's Hospital, (2023- present)

HONORS AND AWARDS

- Waldo Cain Award of Academic Excellence, Wayne State University Department of Surgery (2010)
- Waldo Cain Award of Academic Excellence, Wayne State University Department of Surgery (2011)
- Critical Care Award, Wayne State University Department of Surgery (2012)
- Waldo Cain Award of Academic Excellence, Wayne State University Department of Surgery, (2012)

- Abstract of Distinction, 8th International Pediatric Intestinal Failure and Rehabilitation Symposium (2014)
- Abstract of Distinction, Clinical Nutrition Week American Society for Parenteral and Enteral Nutrition (2014)
- Waldo Cain Award of Academic Excellence, Wayne State University Department of Surgery (2014)
- Best Clinical Presentation, New England Surgical Society Resident and Fellow Research Day (2014)
- Waldo Cain Award of Academic Excellence, Wayne State University Department of Surgery (2015)
- Castle Connolly Top Doctor, Castle Connolly Top Doctor (2020)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Surgery, American Board of Surgery (2019)
- Fellowship: University of Florida Pediatric Surgery Fellowship (2018) FL
- Board Certification: General Surgery, American Board of Surgery (2016)
- Board Certification: Surgical Critical Care, American Board of Surgery (2016)
- Residency: Wayne State University Detroit Medical Center General Surgery Residency (2016) MI
- Fellowship: Boston Childrens Hospital Pediatric Surgery Residency (2014) MA
- Medical Education: Aga Khan University Medical College (2007) Pakistan

Publications

PUBLICATIONS

- **Pancreatic masses in children: a single-center experience over two decades.** *European journal of pediatrics*
McRae, J. J., Thobani, H., Sacks, M. A., Raymond, S. L., Shah, A., Radulescu, A., Khan, F. A.
2024
- **Establishment of a successful robotic pediatric general surgery practice** *JOURNAL OF ROBOTIC SURGERY*
Raymond, S. L., Sharafeddin, F., Sacks, M. A., Srikureja, D., Gomez, N., Moores, D., Radulescu, A., Khan, F. A., Tagge, E. P.
2023
- **Assessment and Management of Inguinal Hernias in Children.** *Pediatrics*
Khan, F. A., Jancelewicz, T., Kieran, K., Islam, S., COMMITTEE ON FETUS AND NEWBORN, SECTION ON SURGERY, SECTION ON UROLOGY, Eichenwald, E., Guillory, C., Hand, I., Hudak, M., Kaufman, D., Martin, C., Lucke, A., et al
2023; 152 (1)
- **Use of Image Guidance During Pediatric Venovenous Extracorporeal Membrane Oxygenation Cannulation: A Survey of the American Pediatric Surgical Association** *ASAIO JOURNAL*
Robertson, J. O., Hossain, M., Khan, F. A., Cass, D. L.
2023; 69 (7): 687-694
- **What animal model should I use to study necrotizing enterocolitis?** *SEMINARS IN PEDIATRIC SURGERY*
Won, M. M., Mladenov, G. D., Raymond, S. L., Khan, F. A., Radulescu, A.
2023; 32 (3): 151313
- **The Current Pediatric Surgery Job Market: A Perspective of Recent Fellowship Graduates** *JOURNAL OF PEDIATRIC SURGERY*
Raymond, S. L., Robertson, J. O., Sacks, M. A., Goodman, L. F., Lobeck, I., Johnson, K., Radulescu, A., Moores, D., Hashmi, A., Islam, S., Stolar, C. J., Tagge, E. P., Khan, et al
2023; 58 (6): 1133-1138
- **Discontinuation of the OriGen (R) Dual-Lumen Right Atrial Cannula Decreased Venovenous ECMO Usage in Neonates and Older Children: A Survey of the American Pediatric Surgical Association** *JOURNAL OF PEDIATRIC SURGERY*
Hossain, M., Khan, F. A., Cass, D. L., Robertson, J. O.
2023; 58 (6): 1185-1190
- **Milky pericardial effusion causing tamponade in a neonate after extracorporeal membrane oxygenation cannulation** *JOURNAL OF SURGICAL CASE REPORTS*

- Thornhill, R., Fortuna, R., Canteras, K., Raymond, S. L., Khan, F. A., Radulescu, A.
2023; 2023 (5): rjad233
- **Multiple Perianal Epidermal Cysts Found in a Case of Lowe Syndrome: A Case Report and Review of the Literature** *AMERICAN JOURNAL OF CASE REPORTS*
Goodman, C. P., Park, H., Mladenov, G. D., Raymond, S. L., Sundin, A., Radulescu, A., Khan, F. A.
2023; 24: e938248
 - **Short-term outcomes of thoracoscopic versus open lobectomy for congenital lung malformations** *PEDIATRIC SURGERY INTERNATIONAL*
Raymond, S. L., Sacks, M. A., Hashmi, A., Robertson, J. O., Moores, D., Tagge, E. P., Radulescu, A., Islam, S., Khan, F. A.
2023; 39 (1)
 - **A 12-Year-Old Girl with Juvenile Granulosa Cell Tumor of the Ovary, Presenting with Adolescent Hyperprolactinemia, Galactorrhea, and Amenorrhea** *AMERICAN JOURNAL OF CASE REPORTS*
Park, H., Goodman, C. P., Raymond, S. L., Sundin, A., Khan, F. A., Radulescu, A.
2023; 24: e938249
 - **Are pediatric surgery fellowship websites ready for the changing paradigms in the virtual interview era?** *Global surgical education : journal of the Association for Surgical Education*
Sacks, M. A., Do Jeong, Y., Mendez, Y. S., Hashmi, A., Radulescu, A., Tagge, E. P., Robertson, J. O., Khan, F. A.
2023; 2 (1): 27
 - **Optimal Timing of Inguinal Hernia Repair in Premature Infants: An NSQIP-P Study** *JOURNAL OF SURGICAL RESEARCH*
Sacks, M. A., Neal, D., Pairawan, S., Tagge, E. P., Hashmi, A., Islam, S., Khan, F. A.
2023; 283: 690-698
 - **Anatomy and embryology of abdominal wall defects** *SEMINARS IN PEDIATRIC SURGERY*
Khan, F. A., Raymond, S. L., Hashmi, A., Islam, S.
2022; 31 (6): 151230
 - **Trisomy 18 and necrotizing enterocolitis** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Maidan, A., Sacks, M. A., Raymond, S. L., Mladenov, G. D., Khan, F. A., Radulescu, A.
2022; 85
 - **Objective Personality Determination: A Useful Addition to the Traditional Process of Pediatric Surgical Fellow Selection** *AMERICAN SURGEON*
Sacks, M. A., Khan, F. A., Hazboun, R., Radulescu, A., Tagge, E. P.
2022; 88 (10): 2531-2537
 - **Recidivism following childhood maltreatment necessitating inpatient care in the United States** *AMERICAN JOURNAL OF SURGERY*
Shah, A. A., Nizam, W., Sandler, A., Khan, F., Kane, T., Petrosyan, M.
2022; 223 (4): 774-779
 - **To Wrap or Not? Utility of Anti-reflux Procedure in Infants Needing Gastrostomy Tubes** *FRONTIERS IN PEDIATRICS*
Khan, F. A., Nestor, K., Hashmi, A., Islam, S.
2022; 10: 855156
 - **The impact of regionality and hospital status on mortality associated with non-accidental trauma** *AMERICAN JOURNAL OF SURGERY*
Shah, A. A., Nizam, W., Sandler, A., Zuberi, M., Khan, F. A., Manicone, P., Kane, T., Petrosyan, M.
2022; 223 (2): 238-242
 - **Prenatal administration of heparin-binding epidermal growth factor-like growth factor in an experimental model of necrotizing enterocolitis decreased both incidence and severity of the disease** *WORLD JOURNAL OF PEDIATRIC SURGERY*
Sacks, M., Mendez, Y., Khan, F. A., Propst, R., Zuppan, C. W., Wilson, C. G., Radulescu, A.
2022; 5 (1): e000345
 - **Pain versus Gain: Multiport versus single-port thoracoscopic surgery for pediatric pneumothorax a case series** *INTERNATIONAL JOURNAL OF SURGERY OPEN*
Sacks, M. A., Goodman, L. F., Mendez, Y. S., Khan, F. A., Radulescu, A.
2021; 37

- **Prehospital personnel discretion pediatric trauma team activations: Too much of a good thing?** *JOURNAL OF PEDIATRIC SURGERY*
Khan, F. A., Apple, C., Caldwell, K. J., Larson, S. D., Islam, S.
2021; 56 (11): 2052-2057
- **Newborn with annular pancreas and H-Type tracheoesophageal fistula** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Thornhill, R., Sacks, M. A., Goodman, L. F., Khan, F. A., Radulescu, A.
2021; 75
- **Safe Zone for Dissection in Frontotemporal Region to Avoid Injury to the Temporal Branch of Facial Nerve** *JOURNAL OF CRANIOFACIAL SURGERY*
Hashmi, A., Zahed, A., Hamamdjian, C., McGee, C., Barry, M., Asali, D., Khan, F., Al-Mufarrej, F.
2021; 32 (7): 2322-2325
- **Thoracoscopic segmentectomy for a large previously undiagnosed CPAM presenting as a spontaneous pneumothorax: A case report** *INTERNATIONAL JOURNAL OF SURGERY CASE REPORTS*
Pairawan, S. S., Tagge, E. P., Sacks, M. A., Hashmi, A., Radulescu, A., Khan, F. A.
2021; 87: 106412
- **The Utility of Gallbladder Absence on Ultrasound for Children With Biliary Atresia** *FRONTIERS IN PEDIATRICS*
Ho, A., Sacks, M. A., Sapra, A., Khan, F. A.
2021; 9: 685268
- **Unusual cause of appendicitis: Orthodontic wire** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Sacks, M. A., Goodman, L. F., Khan, F. A., Radulescu, A.
2021; 71
- **Rare case report of anorectal malformation and intestinal atresia** *INTERNATIONAL JOURNAL OF SURGERY CASE REPORTS*
Gunderson, E. J., Sacks, M. A., Goodman, L. F., Hashmi, A., Radulescu, A., Khan, F. A.
2021; 82: 105945
- **Single site versus conventional laparoscopic appendectomy: some pain for no gain?** *JOURNAL OF SURGICAL RESEARCH*
Goodman, L. F., Lin, A. C., Sacks, M. A., McRae, J. H., Radulescu, A., Khan, F. A.
2021; 264: 321-326
- **Lipoblastomas and liposarcomas in paediatric patients: A case series** *JOURNAL OF INTERNATIONAL MEDICAL RESEARCH*
McRae, J. H., Hashmi, A., Radulescu, A., Carter, C. S., Khan, F. A.
2021; 49 (3): 300060520981362
- **Paraspinal plexiform schwannoma of unknown nerve origin: A case report** *INTERNATIONAL JOURNAL OF SURGERY CASE REPORTS*
Pace, S., Sacks, M. A., Minasian, T., Hashmi, A., Khan, F. A.
2021; 79: 267-270
- **What is the role of the cholecystokinin stimulated HIDA scan in evaluating abdominal pain in children?** *JOURNAL OF PEDIATRIC SURGERY*
Khan, F. A., Markwith, N., Islam, S.
2020; 55 (12): 2653-2656
- **Single site video assisted thoracoscopic wedge resection for spontaneous pneumothorax in a pediatric patient** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Won, T. M., Munoz, A., Sacks, M. A., Mendez, Y. S., Goodman, L., Khan, F. A., Radulescu, A.
2020; 61
- **Pediatric adrenal incidentaloma** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
McRae, J. H., Radulescu, A., Khan, F. A.
2020; 60
- **Pediatric earlobe keloids: Outcomes and patterns of recurrence** *JOURNAL OF PEDIATRIC SURGERY*
Khan, F. A., Drucker, N. A., Larson, S. D., Taylor, J. A., Islam, S.
2020; 55 (3): 461-464

- **Animal models of necrotizing enterocolitis.** *World journal of pediatric surgery*
Mendez, Y. S., Khan, F. A., Perrier, G. V., Radulescu, A.
2020; 3 (1): e000109
- **Single site laparoscopic repair of a Morgagni hernia in a pediatric patient** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Munoz, A., Pepper, V., Khan, F. A., Radulescu, A.
2019; 50
- **Bowel perforation in a pediatric patient with congenital generalized lipodystrophy type 4** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Munoz, A., Radulescu, A., Baerg, J., Mendez, Y., Khan, F. A.
2019; 48
- **Successful treatment of post-infectious pneumatocele via percutaneous drainage in a premature infant** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Munoz, A., Moores, D. C., Khan, F. A., Baerg, J., Radulescu, A.
2019; 47
- **Insights into embryology and development of omphalocele** *SEMINARS IN PEDIATRIC SURGERY*
Khan, F. A., Hashmi, A., Islam, S.
2019; 28 (2): 80-83
- **Life-threatening electrolyte abnormalities in pyloric stenosis** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Jacobs, C., Johnson, K., Khan, F. A., Mustafa, M. M.
2019; 43: 16-18
- **Duodenal web presenting outside the neonatal period concurrently with malrotation and mid-gut volvulus** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*
Jacobs, C., Khan, F. A., Apple, C., Larson, S. D.
2018; 39: 35-37
- **Variability of the f-cell ratio after treatment of traumatic hemorrhagic shock** *ANNALS OF MEDICINE AND SURGERY*
Khan, F. A., Mullins, R., Ledgerwood, A. M., Lucas, C. E.
2018; 35: 176-179
- **Inguinal hernias in premature neonates: exploring optimal timing for repair** *PEDIATRIC SURGERY INTERNATIONAL*
Khan, F. A., Zeidan, N., Larson, S. D., Taylor, J. A., Islam, S.
2018; 34 (11): 1157-1161
- **Whole Body Protein Turnover and Net Protein Balance After Pediatric Thoracic Surgery: A Noninvasive Single-Dose N-15 Glycine Stable Isotope Protocol With End-Product Enrichment** *JOURNAL OF PARENTERAL AND ENTERAL NUTRITION*
Fullerton, B. S., Sparks, E. A., Khan, F. A., Fisher, J. G., Anzaldi, R., Scoville, M. R., Yu, Y., Wagner, D. A., Jaksic, T., Mehta, N. M.
2018; 42 (2): 361-370
- **Use of intraoperative index finger pulse oximetry during radial forearm flap harvest to prevent finger ischemia for reconstruction of hand burn and crush injuries** *BURNS*
Hashmi, A., Burkat, A. J., Khan, F. A., Mcgee, C., Al-Mufarrej, F.
2017; 43 (7): 1604-1605
- **A survey of current state of training of plastic surgery residents.** *BMC research notes*
Hashmi, A., Khan, F. A., Herman, F., Narasimhan, N., Khan, S., Kubiak, C., Gursel, E., Edelman, D. A.
2017; 10 (1): 234
- **Pseudoaneurysm of superficial and deep arch of the hand after penetrating wound** *EUROPEAN JOURNAL OF PLASTIC SURGERY*
Hashmi, A., Schumaier, A., Khan, F., Gursel, T., Nava, G.
2017; 40 (1): 75-78
- **Ileostomy Prolapse in Children with Intestinal Dysmotility** *GASTROENTEROLOGY RESEARCH AND PRACTICE*
Sparks, E. A., Velazco, C. S., Fullerton, B. S., Fisher, J. G., Khan, F. A., Hall, A. M., Jaksic, T., Rodriguez, L., Modi, B. P.
2017; 2017: 7182429

- **How Informative are the Plastic Surgery Residency Websites to Prospective Applicants?** *JOURNAL OF SURGICAL EDUCATION*
Hashmi, A., Policherla, R., Campbell, H., Khan, F. A., Schumaier, A., Al-Mufarrej, F.
2017; 74 (1): 74-78
- **Publication Trends in Craniofacial Distraction: A Bibliometrical Analysis** *JOURNAL OF CRANIOFACIAL SURGERY*
Hashmi, A., Schumaier, A., White, S., Yi, C., Khan, F. A., Hanba, C. J., Al-Mufarrej, F.
2017; 28 (1): 139-142
- **No Place like Home: Is There Selection Bias in Plastic Surgery Residency Match Process?** *PLASTIC AND RECONSTRUCTIVE SURGERY- GLOBAL OPEN*
Hashmi, A., Khan, F. A., Policherla, R., Hamamdjian, C. S., Al-Mufarrej, F.
2017; 5 (1): e1207
- **Extrahepatic biliary obstruction secondary to neuroendocrine tumor of the common hepatic duct** *INTERNATIONAL JOURNAL OF SURGERY CASE REPORTS*
Khan, F. A., Stevens-Chase, A., Chaudhry, R., Hashmi, A., Edelman, D., Weaver, D.
2017; 30: 46-49
- **The role of pharmacological steroid therapy in preservation of renal function in severely injured patients requiring massive transfusion** *EUROPEAN JOURNAL OF TRAUMA AND EMERGENCY SURGERY*
Khan, F. A., Ledgerwood, A. M., Lucas, C. E.
2016; 42 (4): 477-481
- **Small bowel obstruction caused by self-anchoring suture used for peritoneal closure following robotic inguinal hernia repair** *JOURNAL OF SURGICAL CASE REPORTS*
Khan, F. A., Hashmi, A., Edelman, D. A.
2016
- **Necrotizing enterocolitis is associated with earlier achievement of enteral autonomy in children with short bowel syndrome** *JOURNAL OF PEDIATRIC SURGERY*
Sparks, E. A., Khan, F. A., Fisher, J. G., Fullerton, B. S., Hall, A., Raphael, B. P., Duggan, C., Modi, B. P., Jaksic, T.
2016; 51 (1): 92-95
- **Factors Affecting Spontaneous Closure of Gastrocutaneous Fistulae After Removal of Gastrostomy Tubes in Children With Intestinal Failure** *JOURNAL OF PARENTERAL AND ENTERAL NUTRITION*
Khan, F. A., Fisher, J. G., Sparks, E. A., Iglesias, J., Zurakowski, D., Modi, B. P., Duggan, C., Jaksic, T.
2015; 39 (7): 860-863
- **Tight Glycemic Control With Insulin Does Not Affect Skeletal Muscle Degradation During the Early Postoperative Period Following Pediatric Cardiac Surgery** *PEDIATRIC CRITICAL CARE MEDICINE*
Fisher, J. G., Sparks, E. A., Khan, F. A., Alexander, J. L., Asaro, L. A., Wypij, D., Gaies, M., Modi, B. P., Duggan, C., Agus, M. D., Yu, Y., Jaksic, T.
2015; 16 (6): 515-521
- **Predictors of Enteral Autonomy in Children with Intestinal Failure: A Multicenter Cohort Study** *JOURNAL OF PEDIATRICS*
Khan, F. A., Squires, R. H., Litman, H. J., Balint, J., Carter, B. A., Fisher, J. G., Horslen, S. P., Jaksic, T., Kocoshis, S., Martinez, J., Mercer, D., Rhee, S., Rudolph, et al
2015; 167 (1): 29-U379
- **Paget-Schroetter Syndrome in 21 Children: Outcomes after Multidisciplinary Care** *JOURNAL OF PEDIATRICS*
Trenor, C. C., Fisher, J. G., Khan, F. A., Sparks, E. A., Duzan, J., Harney, K., Dillon, B., Menard, M., Modi, B. P.
2015; 166 (6): 1493-+
- **Extraluminal distraction enterogenesis using shape-memory polymer**
Fisher, J. G., Sparks, E. A., Khan, F. A., Dionigi, B., Wu, H., Brazzo, J., Fauza, D., Modi, B., Safranski, D. L., Jaksic, T.
W B SAUNDERS CO-ELSEVIER INC.2015: 938-942
- **Serious Congenital Heart Disease and Necrotizing Enterocolitis in Very Low Birth Weight Neonates** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*
Fisher, J. G., Bairdain, S., Sparks, E. A., Khan, F. A., Archer, J. M., Kenny, M., Edwards, E. M., Soll, R. F., Modi, B. P., Yeager, S., Horbar, J. D., Jaksic, T.
2015; 220 (6): 1018-1026

- **Preservation of Biochemical Liver Function With Low-Dose Soy-Based Lipids in Children With Intestinal Failure-Associated Liver Disease** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*
Khan, F. A., Fisher, J. G., Sparks, E. A., Potemkin, A., Duggan, C., Raphael, B. P., Modi, B. P., Jaksic, T.
2015; 60 (3): 375-377
- **Operative indications in recurrent ileocolic intussusception** *JOURNAL OF PEDIATRIC SURGERY*
Fisher, J. G., Sparks, E. A., Turner, C. B., Klein, J. D., Pennington, E., Khan, F. A., Zurakowski, D., Durkin, E. T., Fauza, D. O., Modi, B. P.
2015; 50 (1): 126-130
- **Nutritional outcomes in survivors of congenital diaphragmatic hernia (CDH)-Factors associated with growth at one year** *JOURNAL OF PEDIATRIC SURGERY*
Bairdain, S., Khan, F. A., Fisher, J., Zurakowski, D., Ariagno, K., Cauley, R. P., Zalieckas, J., Wilson, J. M., Jaksic, T., Mehta, N. M.
2015; 50 (1): 74-77
- **Metabolic bone disease in pediatric intestinal failure patients: Prevalence and risk factors**
Khan, F. A., Fisher, J. G., Bairdain, S., Sparks, E. A., Zurakowski, D., Modi, B. P., Duggan, C., Jaksic, T.
W B SAUNDERS CO-ELSEVIER INC.2015: 136-139
- **Patterns of surgical practice in very low birth weight neonates born in the United States: a Vermont Oxford Network analysis** *JOURNAL OF PEDIATRIC SURGERY*
Sparks, E. A., Gutierrez, I. M., Fisher, J. G., Khan, F. A., Kang, K., Morrow, K. A., Soll, R. F., Edwards, E. M., Horbar, J. D., Jaksic, T., Modi, B. P.
2014; 49 (12): 1821-+
- **Magnitude of surgical burden associated with pediatric intestinal failure: A multicenter cohort analysis** *JOURNAL OF PEDIATRIC SURGERY*
Khan, F. A., Mitchell, P. D., Fisher, J. G., Sparks, E. A., Jaksic, T., Duggan, C., Teitelbaum, D. H., Modi, B. P., Pediat Intestinal Failure Consorti
2014; 49 (12): 1795-1798
- **A Modern Cohort of Duodenal Obstruction Patients: Predictors of Delayed Transition to Full Enteral Nutrition** *JOURNAL OF NUTRITION AND METABOLISM*
Bairdain, S., Yu, D. C., Lien, C., Khan, F., Pathak, B., Grabowski, M. J., Zurakowski, D., Linden, B. C.
2014; 2014: 850820
- **Predictive model of blood transfusion during CABG surgery in Pakistan.** *JPMA. The Journal of the Pakistan Medical Association*
Shoukat, S., Gowani, S. A., Khimani, F., Khan, F. A., Zaman, M., Sharif, H.
2008; 58 (8): 421-6