

Stanford

Smit S. Deliwala, MD

Instructor, Medicine - Gastroenterology & Hepatology

CLINICAL OFFICE (PRIMARY)

- **Stanford Gastroenterology and Digestive Health Clinic**

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Bio

CLINICAL FOCUS

- Gastroenterology
- Pancreaticobiliary Endoscopy
- Third Space Endoscopy
- Endoscopic Surgical Procedures
- Therapeutic Endoscopy

ACADEMIC APPOINTMENTS

- Instructor, Medicine - Gastroenterology & Hepatology

ADMINISTRATIVE APPOINTMENTS

- Clinical Instructor, Stanford University School of Medicine, (2025- present)

HONORS AND AWARDS

- Outstanding Research Fellow of the Year, Emory University
- Research Award, Foundation of Interventional & Therapeutic Endoscopy (FITE)
- Presidential Poster, American College of Gastroenterology (ACG)
- Young Achiever Award, American College of Physician (ACP)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University - Fellowship (2026) CA
- Board Certification: Gastroenterology, American Board of Internal Medicine (2025)
- Fellowship: Emory University School of Medicine (2025) GA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2022)
- Residency: Michigan State University Internal Medicine Residency (2022) MI
- Medical Education: Saint James School of Medicine (2018) West Indies

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Gastroenterology & Hepatology (Fellowship Program)

Publications

PUBLICATIONS

- **Risk of De Novo Barrett's Esophagus Post Sleeve Gastrectomy: A Systematic Review and Meta-Analysis of Studies With Long-Term Follow-Up.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Chandan, S., Khan, S. R., Deliwala, S. S., Dahiya, D. S., Mohan, B. P., Ramai, D., Saghir, S. M., Dhindsa, B. S., Kassab, L. L., Facciorusso, A., Nandipati, K., Yang, D., Adler, et al
2025; 23 (1): 33-44.e10
- **Cold Versus Hot Endoscopic Mucosal Resection for Sessile Serrated Colorectal Polyps ≥ 10 mm: A Systematic Review and Meta-analysis.** *Journal of clinical gastroenterology*
Malik, T. F., Mohan, B. P., Deliwala, S., Kassab, L. L., Chandan, S., Sharma, N. R., Adler, D. G.
2024; 58 (9): 889-895
- **Prophylactic pancreatic duct stenting to reduce the risk of post-ampullectomy pancreatitis: a comprehensive review and meta-analysis of 1858 patients.** *Surgical endoscopy*
Chandan, S., Canakis, A., Deliwala, S., Frohlinger, M., Khan, S. R., Mohan, B. P., Dahiya, D. S., Ramai, D., Facciorusso, A., Sharma, N. R., Adler, D. G., Kochhar, G. S.
2024; 38 (9): 4798-4813
- **Endoscopic outcomes using a novel through-the-scope tack and suture system for gastrointestinal defect closure: a systematic review and meta-analysis.** *Endoscopy*
Canakis, A., Deliwala, S. S., Frohlinger, M., Twery, B., Canakis, J. P., Shaik, M. R., Gunnarsson, E., Ali, O., Dahiya, D. S., Gorman, E., Irani, S. S., Baron, T. H.
2024; 56 (8): 605-611
- **Cold Endoscopic Mucosal Resection (c-EMR) of Nonpedunculated Colorectal Polyps ≥ 20 mm: A Systematic Review and Meta-analysis.** *Journal of clinical gastroenterology*
Ramai, D., Clement, B., Maida, M., Previtera, M., Brooks, O. W., Wang, Y., Chandan, S., Dhindsa, B., Deliwala, S., Facciorusso, A., Khashab, M., Ofosu, A.
2024; 58 (7): 661-667
- **Role of endoscopic-ultrasound-guided biliary drainage with electrocautery-enhanced lumen-apposing metal stent for palliation of malignant biliary obstruction.** *World journal of gastrointestinal surgery*
Deliwala, S. S., Qayed, E.
2024; 16 (7): 1981-1985
- **Role of Duodenal Bulb Biopsy in Diagnosing Suspected Celiac Disease in Adult Patients: A Systematic Review and Meta-analysis.** *Journal of clinical gastroenterology*
Deb, A., Moond, V., Thongtan, T., Deliwala, S., Chandan, S., Mohan, B. P., Adler, D. G.
2024; 58 (6): 588-595
- **Safety and efficacy of the EndoRotor device for the treatment of walled-off pancreatic necrosis after EUS-guided cystenterostomy: A systematic review and meta-analysis** *ENDOSCOPIC ULTRASOUND*
Ramai, D., Ahmed, Z., Chandan, S., Facciorusso, A., Deliwala, S. S., Alastal, Y., Nawras, A., Maida, M., Barakat, M. T., Anderloni, A., Adler, D. G.
2024; 13 (3): 165-170
- **Effectiveness and safety of stag beetle knife (SB knife) in management of Zenker's diverticulum: a systematic review and meta-analysis.** *Diseases of the esophagus : official journal of the International Society for Diseases of the Esophagus*
Dahiya, D. S., Deliwala, S., Chandan, S., Ramai, D., Ali, H., Kassab, L. L., Facciorusso, A., Kochhar, G. S.
2024; 37 (4)
- **Safety and efficacy of the EndoRotor device for the treatment of walled-off pancreatic necrosis after EUS-guided cystenterostomy: A systematic review and meta-analysis.** *Endoscopic ultrasound*

- Ramai, D., Ahmed, Z., Chandan, S., Facciorusso, A., Deliwala, S. S., Alastal, Y., Nawras, A., Maida, M., Barakat, M. T., Anderloni, A., Adler, D. G. 2024; 13 (3): 165-170
- **The impact of COVID-19 on hospitalizations that underwent endoscopic retrograde cholangiopancreatography in the United States.** *Surgical endoscopy*
Dahiya, D. S., Pinnam, B. S., Chandan, S., Gangwani, M. K., Ali, H., Deliwala, S., Bapaye, J., Aziz, M., Merza, N., Inamdar, S., Al-Haddad, M., Sharma, N.
2024; 38 (1): 202-211
 - **EUS-guided versus percutaneous liver biopsy: A comprehensive review and meta-analysis of outcomes.** *Endoscopic ultrasound*
Chandan, S., Deliwala, S., Khan, S. R., Mohan, B. P., Dhindsa, B. S., Bapaye, J., Goyal, H., Kassab, L. L., Kamal, F., Sayles, H. R., Kochhar, G. S., Adler, D. G.
2023; 12 (2): 171-180
 - **Long-Term Outcomes of ERCP in the Management of Chronic Pancreatitis Over a 10-year Period at a Tertiary Care Center**
Emelogu, I. K., Brooks, C. G., Deliwala, S., Calderon, L. F., Abraham, F. O., Kumar, V., Willingham, F., Keilin, S., Patel, V., Orr, J., Park, W., Chawla, S.
LIPPINCOTT WILLIAMS & WILKINS.2023: S106
 - **Long-Term Outcomes of ERCP in the Management of Chronic Pancreatitis Over a 10-year Period at a Tertiary Care Center**
Emelogu, I. K., Brooks, C. G., Deliwala, S., Calderon, L. F., Abraham, F. O., Kumar, V., Willingham, F., Keilin, S., Patel, V., Orr, J., Park, W., Chawla, S.
LIPPINCOTT WILLIAMS & WILKINS.2023: S106
 - **EUS-guided therapies for primary and secondary prophylaxis in gastric varices-An updated systematic review and meta-analysis.** *Endoscopic ultrasound*
Chandan, S., Nguyen, A. K., Mohan, B. P., Deliwala, S., Ramai, D., Kassab, L. L., Muthusamy, A., Facciorusso, A., Kamal, F., Bilal, M., Samanta, J., Adler, D. G.
2023; 12 (4): 351-361
 - **New Alternative? Self-Assembling Peptide in Gastrointestinal Bleeding: A Systematic Review and Meta-Analysis.** *Digestive diseases and sciences*
Dhindsa, B. S., Tun, K. M., Scholten, K. J., Deliwala, S., Naga, Y., Dhaliwal, A., Ramai, D., Saghir, S. M., Dahiya, D. S., Chandan, S., Singh, S., Adler, D. G.
2023; 68 (9): 3694-3701
 - **Vonoprazan versus lansoprazole in erosive esophagitis - A systematic review and meta-analysis of randomized controlled trials.** *Indian journal of gastroenterology : official journal of the Indian Society of Gastroenterology*
Chandan, S., Deliwala, S., Mohan, B. P., Ramai, D., Dhindsa, B., Bapaye, J., Kassab, L. L., Chandan, O. C., Facciorusso, A., Adler, D. G.
2023; 42 (4): 475-484
 - **Response.** *Gastrointestinal endoscopy*
Ramai, D., Enofe, I., Deliwala, S. S., Mozell, D., Facciorusso, A., Gkolfakis, P., Mohan, B. P., Chandan, S., Previtera, M., Maida, M., Anderloni, A., Adler, D. G., Ofosu, et al
2023; 98 (2): 268-269
 - **Endoscopic Stenting in Crohn's Disease-related Strictures: A Systematic Review and Meta-analysis of Outcomes.** *Inflammatory bowel diseases*
Chandan, S., Dhindsa, B. S., Khan, S. R., Deliwala, S., Kassab, L. L., Mohan, B. P., Chandan, O. C., Loras, C., Shen, B., Kochhar, G. S.
2023; 29 (7): 1145-1152
 - **Acute pancreatitis in liver transplant hospitalizations: Identifying national trends, clinical outcomes and healthcare burden in the United States.** *World journal of hepatology*
Dahiya, D. S., Jahagirdar, V., Chandan, S., Gangwani, M. K., Merza, N., Ali, H., Deliwala, S., Aziz, M., Ramai, D., Pinnam, B. S., Bapaye, J., Cheng, C. I., Inamdar, et al
2023; 15 (6): 797-812
 - **Successful Treatment of Intractable Rectal Varices with Gelfoam Slurry Embolisation and Coiling.** *European journal of case reports in internal medicine*
Chinnappan, J., Hussain, M. S., Deliwala, S. S., Bansal, A.
2023; 10 (7): 003930

- **Efficacy & safety of EUS-directed transgastric endoscopic retrograde cholangiopancreatography (EDGE) in Roux-en-Y gastric bypass anatomy: a systematic review & meta-analysis.** *Surgical endoscopy*
Deliwala, S. S., Mohan, B. P., Yarra, P., Khan, S. R., Chandan, S., Ramai, D., Kassab, L. L., Facciorusso, A., Dhawan, M., Adler, D. G., Kaul, V., Chawla, S., Kochhar, et al
2023; 37 (6): 4144-4158
- **Safety and Efficacy of Fecal Microbiota Transplant in Chronic Pouchitis-A Systematic Review With Meta-Analysis.** *Gastro hep advances*
Kahan, T., Chandan, S., Khan, S. R., Deliwala, S., Chang, S., Axelrad, J., Shaikat, A.
2023; 2 (6): 843-852
- **Single-incision needle-knife biopsy for the diagnosis of GI subepithelial tumors: a systematic review and meta-analysis.** *Gastrointestinal endoscopy*
Naga, Y. S., Dhindsa, B. S., Deliwala, S., Tun, K. M., Dhaliwal, A., Ramai, D., Bhat, I., Singh, S., Chandan, S., Adler, D. G.
2023; 97 (4): 640-645.e2
- **Hemostatic spray (TC-325) vs. standard endoscopic therapy for non-variceal gastrointestinal bleeding: A meta-analysis of randomized controlled trials.** *Endoscopy international open*
Deliwala, S. S., Chandan, S., Mohan, B. P., Khan, S., Reddy, N., Ramai, D., Bapaye, J. A., Dahiya, D. S., Kassab, L. L., Facciorusso, A., Chawla, S., Adler, D.
2023; 11 (3): E288-E295
- **Early (<4 weeks) versus standard (≥4 weeks) endoscopic drainage of pancreatic walled-off fluid collections: a systematic review and meta-analysis.** *Gastrointestinal endoscopy*
Ramai, D., Enofe, I., Deliwala, S. S., Mozell, D., Facciorusso, A., Gkolfakis, P., Mohan, B. P., Chandan, S., Previtera, M., Maida, M., Anderloni, A., Adler, D. G., Ofosu, et al
2023; 97 (3): 415-421.e5
- **Reply to Lissing et al. Comment on "Ramai et al. Risk of Hepatocellular Carcinoma in Patients with Porphyria: A Systematic Review. Cancers 2022, 14, 2947".** *Cancers*
Ramai, D., Deliwala, S. S., Chandan, S., Lester, J., Singh, J., Samanta, J., di Nunzio, S., Perversi, F., Cappellini, F., Shah, A., Ghidini, M., Sacco, R., Facciorusso, et al
2023; 15 (4)
- **Efficacy of topical hemostatic agents in malignancy-related GI bleeding: a systematic review and meta-analysis.** *Gastrointestinal endoscopy*
Karna, R., Deliwala, S., Ramgopal, B., Mohan, B. P., Kassab, L., Becq, A., Dhawan, M., Adler, D. G.
2023; 97 (2): 202-208.e8
- **Adverse Events of Endoscopic Clip Placement: A MAUDE Database Analysis.** *Journal of clinical gastroenterology*
Ramai, D., Deliwala, S. S., Mozell, D., Facciorusso, A., Chandan, S., Persaud, A., Singh, K., Anderloni, A., Barakat, M. T.
2023
- **Safety and efficacy of liquid nitrogen spray cryotherapy in Barrett's neoplasia - a comprehensive review and meta-analysis.** *Endoscopy international open*
Chandan, S., Bapaye, J., Khan, S. R., Deliwala, S., Mohan, B. P., Ramai, D., Dhindsa, B. S., Goyal, H., Kassab, L. L., Aziz, M., Kamal, F., Facciorusso, A., Adler, et al
2022; 10 (11): E1462-E1473
- **Safety and efficacy of over-the-scope clips versus standard therapy for high-risk nonvariceal upper GI bleeding: systematic review and meta-analysis.** *Gastrointestinal endoscopy*
Bapaye, J., Chandan, S., Naing, L. Y., Shehadah, A., Deliwala, S., Bhalla, V., Chathuranga, D., Okolo, P. I.
2022; 96 (5): 712-720.e7
- **The Natural History of Pancreatic Cystic Lesions in Liver Transplant Recipients: A Systematic Review and Meta-analysis.** *Pancreas*
Canakis, A., Vittal, A., Deliwala, S., Twery, B., Canakis, J., Patel, P., Chahal, P.
2022; 51 (9): 1160-1166
- **Safety and Efficacy of the Novel EndoRotor Device for the Treatment of Walled-Off Pancreatic Necrosis (WOPN): A Systematic Review and Meta-Analysis**
Ramai, D., Ahmed, Z., Deliwala, S., Mozell, D., Facciorusso, A., Morgan, A., Anderloni, A., Barakat, M., Alastal, Y., Adler, D. G.
LIPPINCOTT WILLIAMS & WILKINS.2022: S815

- **The diagnostic performance of probe-based confocal laser endomicroscopy in the detection of gastric cancer: a systematic review and meta-analysis.** *Annals of gastroenterology*
Canakis, A., Deliwala, S. S., Kadiyala, J., Bomman, S., Canakis, J., Bilal, M.
2022; 35 (5): 496-502
- **Spontaneous bacterial empyema in cirrhosis: A systematic review and meta-analysis.** *World journal of hepatology*
Reiche, W., Deliwala, S., Chandan, S., Mohan, B. P., Dhindsa, B., Ramai, D., Perisetti, A., Rangray, R., Mukherjee, S.
2022; 14 (6): 1258-1268
- **Risk of Hepatocellular Carcinoma in Patients with Porphyria: A Systematic Review.** *Cancers*
Ramai, D., Deliwala, S. S., Chandan, S., Lester, J., Singh, J., Samanta, J., di Nunzio, S., Perversi, F., Cappellini, F., Shah, A., Ghidini, M., Sacco, R., Facciorusso, et al
2022; 14 (12)
- **Meta-analysis and systematic review of randomized controlled trials assessing the role of thromboprophylaxis after vascular surgery** *JOURNAL OF VASCULAR SURGERY-VENOUS AND LYMPHATIC DISORDERS*
Haykal, T., Zayed, Y., Kerbage, J., Deliwala, S., Long, C. A., Ortel, T. L.
2022; 10 (3): 767-+
- **Acute organoaxial gastric volvulus-A dangerous twist.** *Clinical case reports*
Chinnappan, J., Hussain, M. S., Deliwala, S. S., Bachuwa, G.
2022; 10 (4): e05785
- **Direct percutaneous endoscopic jejunostomy (DPEJ) and percutaneous endoscopic gastrostomy with jejunal extension (PEG-J) technical success and outcomes: Systematic review and meta-analysis.** *Endoscopy international open*
Deliwala, S. S., Chandan, S., Kumar, A., Mohan, B., Ponnappalli, A., Hussain, M. S., Kaushal, S., Novak, J., Chawla, S.
2022; 10 (4): E488-E520
- **Serotonin Surge: Intravenous Escitalopram as a Rare Cause of Drug-Induced Aplastic Anaemia.** *European journal of case reports in internal medicine*
Hussain, M., Boyer, K., Ponnappalli, A., Awuah, D., Khaneki, S., Deliwala, S., Bachuwa, G.
2022; 9 (3): 003228
- **Proton Pump Inhibitors Versus Histamine-2-Receptor Antagonists for Stress Ulcer Prophylaxis in Critically Ill Patients A Meta-analysis and Trial Sequential Analysis** *JOURNAL OF CLINICAL GASTROENTEROLOGY*
Deliwala, S. S., Hamid, K., Goyal, H., Ponnappalli, A., Zayed, Y., Bala, A., Lakshman, H., Malladi, S., Jones, S., Santana, M., Leon, B., An, M. T., Chawla, et al
2022; 56 (3): 204-217
- **Acute Renal Failure and Nephrotic Syndrome Secondary to Collapsing Glomerulopathy Associated With Hepatitis C.** *Cureus*
Wiggins, B., Deliwala, S., Banno, F., Knight, K., Minaudo, M.
2022; 14 (3): e23175
- **R0 resection rates with underwater EMR better than conventional EMR: an updated analysis Response** *GASTROINTESTINAL ENDOSCOPY*
Chandan, S., Deliwala, S., Kochhar, G. S.
2022; 95 (3): 596-597
- **Development of Venous Thromboembolism After COVID-19 mRNA-1273 Vaccine Inoculation** *CUREUS JOURNAL OF MEDICAL SCIENCE*
Mahgoub, A. E., Awuah, D., Hussain, M., Deliwala, S., Bachuwa, G., Younas, M.
2022; 14 (2): e22179
- **Refractory familial hypokalaemic periodic paralysis leading to cardiovascular compromise** *BMJ CASE REPORTS*
Awuah, D. O., Hussain, M. S., Ponnappalli, A., Deliwala, S., Seedahmed, E. M., Bachuwa, G.
2022; 15 (2)
- **Ballooning Your Way in Altered Anatomy ERCP: Ready for Deductive Learning** *DIGESTIVE DISEASES AND SCIENCES*
Deliwala, S. S., Chawla, S.
2022; 67 (7): 2696-2698
- **Advanced Endoscopic Resection Techniques in Cirrhosis-A Systematic Review and Meta-Analysis of Outcomes** *DIGESTIVE DISEASES AND SCIENCES*

- Chandan, S., Deliwala, S., Khan, S. R., Ramai, D., Mohan, B. P., Bilal, M., Facciorusso, A., Kassab, L. L., Kamal, F., Dhindsa, B., Perisetti, A., Adler, D. G.
2022; 67 (10): 4813-4826
- **Association of BRCA Mutations and Pancreatic Cancer - Review of Literature and Meta-analysis** *PANCREAS*
Chandan, S., Deliwala, S. S., Facciorusso, A., Mohan, B. P., Ramai, D., Kochhar, G. S.
2022; 51 (1): E8-E10
 - **The Management of Acute Onset Complete Heart Block and Atrial Flutter in a Patient with COVID-19.** *European journal of case reports in internal medicine*
Hussain, M., Awuah, D., Deliwala, S., Alkotob, M. L., Seedahmed, E., Bachuwa, G.
2022; 9 (2): 003026
 - **Postvaccination SARS-CoV-2 infection among healthcare workers: A systematic review and meta-analysis** *JOURNAL OF MEDICAL VIROLOGY*
Chandan, S., Khan, S. R., Deliwala, S., Mohan, B. P., Ramai, D., Chandan, O. C., Facciorusso, A.
2022; 94 (4): 1428-1441
 - **Black oesophagus, upside-down stomach and cameron lesions: cascade effects of a large hiatal hernia** *BMJ CASE REPORTS*
Deliwala, S., Hussain, M. S., Ponnappalli, A., Bachuwa, G., Gurvits, G. E.
2021; 14 (11)
 - **Acute Esophageal Necrosis in a Patient With COVID-19** *AMERICAN JOURNAL OF GASTROENTEROLOGY*
Deliwala, S. S., Gurvits, G. E.
2021; 116 (10): 1977
 - **Pseudomelanosis Duodeni After Dialysis Initiation in Long-Standing Kidney Disease** *ACG CASE REPORTS JOURNAL*
Deliwala, S. S., Hussain, M. S., Ponnappalli, A., Wiggins, B., Beere, T., Kunaprayoon, L., Lakshman, H., Gurvits, G. E.
2021; 8 (9): e00658
 - **Accelerated balloon-retrograde transvenous obliteration (BRTO): an effective tool in the Arsenal against isolated gastric varices (IGV)** *BMJ CASE REPORTS*
Deliwala, S., Hussain, M., Ponnappalli, A., Igbinedion, S. O., Bachuwa, G., Bansal, A.
2021; 14 (9)
 - **Line it up-Inadvertent placement of nasogastric tube in pleural space resulting in iatrogenic empyema** *CLINICAL CASE REPORTS*
Hussain, M. S., Deliwala, S. S., Awuah, D., Valvani, A.
2021; 9 (9): e04729
 - **Reduced left atrial strain can predict stroke in atrial fibrillation - A meta analysis** *IJC HEART & VASCULATURE*
Sachdeva, S., Desai, R., Andi, K., Vyas, A., Deliwala, S., Sachdeva, R., Kumar, G.
2021; 36: 100859
 - **Blowing off steam-Identifying bowel perforation after routine colonoscopy** *CLINICAL CASE REPORTS*
Hussain, M. S., Deliwala, S. S., Gupta, R., Berrou, M.
2021; 9 (7): e04515
 - **Important reminder: nitrous oxide (N₂O) as a cause of functional vitamin B₁₂ deficiency** *BMJ CASE REPORTS*
Mahgoub, A., Deliwala, S., Bachuwa, G.
2021; 14 (7)
 - **Splenic Injury After a Colonoscopy: Threading the Scope Carefully in Heritable Connective Tissue Disorders** *CUREUS JOURNAL OF MEDICAL SCIENCE*
Wiggins, B., Lamarche, C., Gupta, R., Deliwala, S., Minaudo, M.
2021; 13 (6): e15444
 - **Is the use of warfarin becoming obsolete?** *JOURNAL OF COMMUNITY HOSPITAL INTERNAL MEDICINE PERSPECTIVES*
Haykal, T., Deliwala, S. S., Ortel, T. L.
2021; 11 (3): 418-419

- **Artificial intelligence (AI) real-time detection vs. routine colonoscopy for colorectal neoplasia: a meta-analysis and trial sequential analysis** *INTERNATIONAL JOURNAL OF COLORECTAL DISEASE*
Deliwala, S. S., Hamid, K., Barbarawi, M., Lakshman, H., Zayed, Y., Kandel, P., Malladi, S., Singh, A., Bachuwa, G., Gurvits, G. E., Chawla, S.
2021; 36 (11): 2291-2303
- **Human Immunodeficiency Virus (HIV) Masquerading as Myopathy and Rhabdomyolysis** *CUREUS JOURNAL OF MEDICAL SCIENCE*
Ranabhat, K., Deliwala, S., Hussain, M., Haykal, T., Bachuwa, G.
2021; 13 (4): e14559
- **Sarcoidosis Masquerading as Long-Standing Cholestasis** *GASTROENTEROLOGY RESEARCH*
Deliwala, S. S., Hussain, M., Ponnappalli, A., Khanal, R., Goyal, H., Abdalla, A., Elbedawi, M. M.
2021; 14 (2): 112-115
- **When Variants Collide: An Unusual Presentation of Metastatic Gastric Mixed Neuroendocrine-Non-Neuroendocrine Neoplasm** *ACG CASE REPORTS JOURNAL*
Deliwala, S. S., Ponnappalli, A., Gakhal, I., Modi, V., Haykal, T., Bachuwa, G., Chawla, S.
2021; 8 (4): e00569
- **Serrating through vascular access catheters: a great masquerader with severe systemic manifestations** *BMJ CASE REPORTS*
Deliwala, S., Hussain, M., Ponnappalli, A., Awuah, D., McDonald, P., Bachuwa, G.
2021; 14 (4)
- **Acute confusional state as a prognostic sign of COVID-19 large-vessel occlusion (LVO)** *BMJ CASE REPORTS*
Deliwala, S., Hussain, M., Ponnappalli, A., Awuah, D., Dawood, T., Bachuwa, G.
2021; 14 (2)
- **Pericardial effusion uncovering underlying hypothyroidism** *CLINICAL CASE REPORTS*
Ponnappalli, A., Deliwala, S. S., Zayed, Y., Bachuwa, G.
2021; 9 (3): 1816-1818
- **Thromboprophylaxis for orthopedic surgery; An updated meta-analysis** *THROMBOSIS RESEARCH*
Haykal, T., Adam, S., Bala, A., Zayed, Y., Deliwala, S., Kerbage, J., Ponnappalli, A., Malladi, S., Samji, V., Ortel, T. L.
2021; 199: 43-53
- **Cyclical Hemoptysis and Pelvic Pain in a Young Female: A Sign of Thoracic Endometriosis Syndrome** *CUREUS JOURNAL OF MEDICAL SCIENCE*
Bala, A., Salim, R. A., Deliwala, S., Obeid, M., Bachuwa, G.
2020; 12 (10): e11078
- **Direct oral anticoagulant versus low-molecular-weight heparin for treatment of venous thromboembolism in cancer patients: An updated meta-analysis of randomized controlled trials** *THROMBOSIS RESEARCH*
Haykal, T., Zayed, Y., Deliwala, S., Kerbage, J., Ponnappalli, A., Malladi, S., Goranta, S., Samji, V., Adam, S.
2020; 194: 57-65
- **Acute Esophageal Necrosis (Gurvits Syndrome) Presenting as Globus and Altered Phonation.** *The American journal of case reports*
Deliwala, S. S., Bala, A., Haykal, T., Elbedawi, M. M., Bachuwa, G., Gurvits, G. E.
2020; 21: e926019
- **A 29-Year-Old Male with a Fatal Case of COVID-19 Acute Respiratory Distress Syndrome (CARDS) and Ventilator-Induced Lung Injury (VILI)** *AMERICAN JOURNAL OF CASE REPORTS*
Deliwala, S. S., Ponnappalli, A., Seedahmed, E., Berrou, M., Bachuwa, G., Chandran, A.
2020; 21: e926136
- **Use of glucocorticoids in patients with acute respiratory distress syndrome: a meta-analysis and trial sequential analysis** *JOURNAL OF INTENSIVE CARE*
Zayed, Y., Barbarawi, M., Ismail, E., Samji, V., Kerbage, J., Rizk, F., Salih, M., Bala, A., Obeid, M., Deliwala, S., Demian, S., Al-Sanouri, I., Reddy, et al
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