***Curriculum vitae***

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| --- | --- |
| **Date Prepared:** | July 21, 2023 |
| **Name:** | Justin L. Grodin, M.D., M.P.H., F.A.C.C., F.H.F.S.A. |
| **Office Address:** | University of Texas Southwestern Medical Center5323 Harry Hines Blvd.Suite E5.310FDallas, Texas 75390-8830 |
| **Work Phone:**  | 214-648-6741 |
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| **Work Fax:** | 214-645-2480 |
| **Place of Birth:** | El Paso, Texas |

**Education**

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| --- | --- | --- | --- |
| Year(s) | Degree(Honors) | Field of Study(Thesis advisor for PhDs) | Institution |
| 2001-2005 | Bachelor of Science (*High Honors*) | Chemistry | University of Texas at Austin |
| 2005-2009 | Medical Degree | Doctor of Medicine  | University of Texas Southwestern Medical School |
| 2013-2015 | Master of Public Health | Public Heath | T.H. Chan Harvard School of Public Health |

**Postdoctoral Training**

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| --- | --- | --- | --- |
| Year(s) | Titles | Specialty/Discipline(Lab PI for postdoc research) | Institution  |
| 2009-2012 | Resident | Internal Medicine | University of Texas Southwestern Medical Center at Dallas |
| 2012-2015 | Fellow | Cardiovascular Diseases  | Cleveland Clinic Foundation |
| 2015-2016 | Fellow | Cardiovascular Diseases, Advanced Heart Failure, and Cardiac Transplantation  | Cleveland Clinic Foundation |

**Current Licensure and Certification**

Licensure

|  |  |
| --- | --- |
| Year(s) | State |
| 2011-Present | Texas |
| 2012-2016 | Ohio |

Board and Other Certification

|  |  |  |
| --- | --- | --- |
| Year(s) | Board | Certification |
| 2012 | American Board of Internal Medicine | Internal Medicine |
| 2015 | American Board of Internal Medicine | Cardiovascular Disease |
| 2015 | National Board of Echocardiography | Adult Comprehensive Echocardiography |
| 2016 | American Board of Internal Medicine | Advanced Heart Failure and Transplant Cardiology |

**Honors and Awards**

|  |  |  |
| --- | --- | --- |
| Year(s) | Name of Honor/Award | Awarding Organization |
| 2003 | Jeff Levy Scholarship | Sigma Alpha Mu Foundation |
| 2003 | The San Antonio Area Foundation, Dorothy B. Banks Scholarship | University of Texas at Austin |
| 2003 | The University of Texas Co-Op Scholarship | University of Texas at Austin |
| 2004 | Top Junior Scholar Award | Sigma Alpha Mu Foundation |
| 2004 | Jeff Levy Scholarship | Sigma Alpha Mu Foundation |
| 2004 | Michael John Fink, M.D. Endowed Presidential Scholarship | University of Texas at Austin |
| 2005 | H.I. Jacobsen Award for Top Senior Scholar | Sigma Alpha Mu Foundation |
| 2006 | NIH funded T-35 Training Grant | University of Texas Southwestern Medical School at Dallas |
| 2011-2012 | Outstanding House Staff Research Award | University of Texas Southwestern Medical Center at Dallas |
| 2013 | Gus P. Karos Foundation Scholarship | Cleveland Clinic Foundation |
| 2014 | “Best Fellow In-Training Poster” at Scientific Sessions | American College of Cardiology |
| 2016 | The Lower Clinical Award | Cleveland Clinic Foundation |
| 2016 | Young Investigator Grant | Cardiovascular Clinical Trialists (CVCT) Forum |
| 2017 | Emerging Faculty Course | American College of Cardiology |
| 2018 | Texas Health Resources Clinical Scholar Award | Texas Health Resources |
| 2019-2020 | Nominee for APP Champion of the Year | Office of Advanced Practice Providers, UT Southwestern Medical Center |
| 2020-2021 | LEAD Program | Office of Faculty Development, UT Southwestern Medical Center |
| 2020-2021 | Nominee for APP Champion of the Year | Office of Advanced Practice Providers, UT Southwestern Medical Center |

**Faculty Academic Appointments**

|  |  |  |  |
| --- | --- | --- | --- |
| Year(s) | Academic Title | Department | Academic Institution |
| 9/1/2016-8/31/2022 | Assistant Professor | Internal Medicine / Cardiology  | UT Southwestern Medical Center – William P. Clements Jr. University Hospital |
| 9/1/2016-8/31/2022 | Assistant Professor | Internal Medicine / Cardiology | UT Southwestern Medical Center – Zale Lipshy University Hospital |
| 9/1/2016-8/31/2022 | Assistant Professor | Internal Medicine / Cardiology | Parkland Memorial Hospital |
| 9/1/2022-Present | Associate Professor | Internal Medicine / Cardiology  | UT Southwestern Medical Center – William P. Clements Jr. University Hospital |
| 9/1/2022-Present | Associate Professor | Internal Medicine / Cardiology | UT Southwestern Medical Center – Zale Lipshy University Hospital |
| 9/1/2022-Present | Associate Professor | Internal Medicine / Cardiology | Parkland Memorial Hospital |

**Appointments at Hospitals/Affiliated Institutions**

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| --- |
| Past |
| Year(s) | Position Title | Department/Division  | Institution |
| 2017-2020 | N/A | Internal Medicine / Cardiology | Texas Health Dallas – Presbyterian Hospital |
| Current |
| Year(s) | Position Title | Department/Division | Institution |
| 2016-2022 | Assistant Professor | Internal Medicine / Cardiology | UT Southwestern Medical Center – William P. Clements Jr. University Hospital |
| 2016-2022 | Assistant Professor | Internal Medicine / Cardiology | UT Southwestern Medical Center - Zale Lipshy University Hospital |
| 2016-2022 | Assistant Professor | Internal Medicine / Cardiology | Parkland Memorial Hospital |
| 2017-Present | N/A | Internal Medicine / Cardiology | Texas Health Fort Worth – Harris Methodist Hospital |
| 2022-Present | Associate Professor | Internal Medicine / Cardiology | UT Southwestern Medical Center – William P. Clements Jr. University Hospital |
| 2022-Present | Associate Professor | Internal Medicine / Cardiology | UT Southwestern Medical Center - Zale Lipshy University Hospital |
| 2022-Present | Associate Professor | Internal Medicine / Cardiology | Parkland Memorial Hospital |

**Other Professional Positions**

None

**Major Administrative/Leadership Positions**

|  |  |  |
| --- | --- | --- |
| Year(s) | Position Title | Institution |
| 2019-Present | Co-director, UT Southwestern Multidisciplinary Amyloidosis Program | UT Southwestern Medical Center |
| 2020-2022 | Chair, Cardiology Recruitment and Retention Committee | UT Southwestern Medical Center |
| 2022-Present | Medical Director, Internal Medicine Clinical Trials Unit | UT Southwestern Medical Center |

**Committee Service**

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| --- | --- | --- |
| Year(s) | Position Title | Institution |
| 2018 | Clements University Hospital Cardiology Quality Committee | UT Southwestern Medical Center |
| 2019 | Cardiology Recruitment Committee | UT Southwestern Medical Center |
| 2019-Present | UT Southwestern Multidisciplinary Amyloidosis Program | UT Southwestern Medical Center |
| 2020 | Data Safety and Monitoring Board | Atovaquone for Treatment of COVID-19 (AtaQ COVID-19 Trial, NCT04456153), UT Southwestern Medical Center |
| 2021-2022 | Cardiology Recruitment and Retention Committee | UT Southwestern Medical Center |
| 2021-2022 | Clinical Learning Environment Committee | Graduate Medical Education, UT Southwestern Medical Center |
| 2021-Present | Dallas Heart Study Clinical Event Adjudication Committee | UT Southwestern Medical Center |
| 2022 | Department of Internal Medicine, Recruitment and Retention Committee | UT Southwestern Medical Center |

**Professional Societies**

|  |  |
| --- | --- |
| Dates | Society Name, member |
| 2012-Present | American College of Cardiology, Member |
| 2012-Present | Heart Failure Society of America, Member |
| 2013-Present | International Society for Heart and Lung Transplantation, Member |
| 2010-Present | American Heart Association, Member |
| 2016-Present | Texas Medical Association, Member |
| 2016-Present | Dallas County Medical Society, Member |
| 2022-Present | International Society for Amyloidosis, Member |
|  | **Committees**  |
| 2017 | ACC’s Emerging Faculty Program in Washington DC |
| 2018-2020 | Heart Failure Society of America, Education Committee |
| 2018-2020 | Heart Failure Society of America, Program Committee |
| 2019-Present | Cardiac Amyloid Registry Study (CARS) – International Steering Committee  |
| 2020 | American Heart Association – 2020 Abstract Session Building |
| 4/2021-3/2024 | American College of Cardiology, Education Standards and Outcomes Committee |
| 2021-Present | Heart Failure Society of America, Education Committee |
| 2021-2022 | AG10-501 ACT-EARLY ATTR Prevention Trial – International Steering Committee |
| 2023-Present | Amyloidosis Speakers Bureau Advisor; Mackenzie’s Mission; <https://mm713.org/speakers-bureau/> |
|  | **Fellowships** |
| 2018-Present | Fellow of the American College of Cardiology (F.A.C.C.) |
| 2018-Present | Fellow of the Heart Failure Society of America (F.H.F.S.A.) |

**Grant Review Activities**

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| --- | --- | --- |
| Year(s) | Funding Organization  | Section/Committee |
| 2018 | Mandema Stipendium, Universitair Medisch Centrum Goningen; Groningen, Netherlands  | N/A |
| 2022 | American Heart Association | Mechanisms Underlying Cardiovascular Consequences Associated with COVID-19 and Long COVID |
| 2022 | CTSA Program, UT Southwestern | Translational Pilot Program Grant” CTSA-TPP-YR2-D award cycle |
| 2022 | Juvenile Diabetes Research Foundation (JDRF) | Strategic Research Agreement Proposal |
| 2023 | SEAK Mock Study Review, UT Southwestern | Mock Study Section Reviewer |

**Editorial Activities**

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| --- | --- |
| Year(s) | Journal Name |
| Editor/Associate Editor |
| 2016-Present | *Current Heart Failure Reports,* “Biomarkers of Heart Failure” Section Editor |
| 2020-Present | *Circulation,* Associate Editor |
| Editorial Board |
| 2018-Present | *Circulation,* Content Editor "Case Series" |
| 2020-Present | *Circulation,* Associate Editor |
| 2023-Present | *Amyloid* |
| Ad Hoc Reviewer |
| 2015-Present | *Journal of Cardiac Failure* |
| 2016-Present | *Journal of the American College of Cardiology* |
| 2016-Present | *American Heart Journal* |
| 2016-Present | *Circulation: Heart Failure* |
| 11/2016 | *American College of Cardiology (Abstract reviewer for Scientific Sessions, 2017)* |
| 2017-Present | *American Journal of Transplantation* |
| 2017-Present | *Circulation* |
| 2017-Present | *Cleveland Clinic Journal of Medicine* |
| 2017-Present | *Journal of the Renin-Angiotensin-Aldosterone System* |
| 2017-Present | *BMC Cardiovascular Disorders* |
| 2017-Present | *European Journal of Heart Failure* |
| 11/2017 | *American College of Cardiology (Abstract reviewer for Scientific Sessions, 2018)* |
| 2017-Present | *American Journal of Cardiology* |
| 2018-Present | *Heart, Lung and Circulation* |
| 11/2018 | *American Heart Association (Abstract reviewer for Scientific Sessions, 2018)* |
| 12/2018 | *American College of Cardiology (Abstract reviewer for Scientific Sessions, 2019)* |
| 2018-Present | *Nephrology Dialysis Transplantation* |
| 2018-Present | *Clinical Journal of the American Society of Nephrology* |
| 9/2019 | *Heart Failure Society of America (Abstract reviewer for Scientific Sessions, 2019)* |
| 2019-Present | *JACC: Heart Failure* |
| 2019-Present | *The American Journal of Medicine* |
| 7/2019 | *American Heart Association (Abstract reviewer for Scientific Sessions, 2019)* |
| 11/2019 | *American College of Cardiology (Abstract reviewer for Scientific Sessions, 2020)* |
| 11/2019 | *Reviewer for AHA Position Statement: "Cardiac Amyloidosis: Evolving Diagnosis and Management"* |
| 1/2020-Present | *Amyloid* |
| 1/2020-Present | *Cochrane Heart Group* |
| 10/2020 | *Heart Failure Society of America (Abstract reviewer for Scientific Sessions, 2020)* |
| 2020-Present | *Circulation: Cardiovascular Quality and Outcomes* |
| 2019-Present | *Journal of the American Heart Association* |
| 7/2020 | *American Heart Association (Abstract reviewer for Scientific Sessions, 2020)* |
| 2020-Present | *JAMA Cardiology* |
| 2021-Present | *EHJ Acute Cardiovascular Care* |
| 5/2021 | *Heart Failure Society of America (Abstract reviewer for Scientific Sessions, 2021)* |
| 2021-Present | *Baylor University Medical Center Proceedings* |
| 2022-Present | *Methodist DeBakey Cardiovascular Journal* |
| 2023-Present | *European Heart Journal* |

**Grant Support**

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| --- |
| Granting Organization Name(PI) DatesTitle; Summary; Role |
| Texas Health Resources Clinical Scholarship  | **Grodin**(PI) |  6/1/2018-5/31/2021 |
| Novel analytical approaches to determine heart failure rehospitalization riskThe goal of this study is to determine, in a large health system-based electronic medical record database, unique phenotypic clusters of patients admitted with acute decompensated heart failure that may differentiate their rehospitalization risk.Role: **Primary Investigator** |
| R01HL148448-01 | Fox(PI) | 5/15/2019-4/30/2024 |
| Blood and Urine Biomarkers for Predicting Long-term Adverse Kidney and Cardiovascular Outcomes after Cardiac SurgeryThe goal of this study is to determine whether perioperative blood and urine AKI biomarkers significantly associate with increased long-term postoperative major adverse kidney events and major adverse cardiovascular events. Role: Co-I |
| Eidos Therapeutics | **Grodin**(PI) | 5/2020-4/2021 |
| Transthyretin-specific Biomarkers in Carriers of Mutant Transthyretin Alleles in the General PopulationThe goal of this study is to determine, among individuals with African ancestry in the Dallas Heart Study, the association of plasma transthyretin and retinol binding protein 4 with Val122Ile *TTR* and Thre119Met *TTR* carrier status in comparison with non-carriers. Role: **Primary Investigator** |
| **R01 HL160892** | **Grodin (PI)** | **07/2022– 06/2027** |
| **Identifying subclinical transthyretin cardiac amyloidosis in asymptomatic carriers of the V122I TTR allele** **The goal of this study is to establish evidence of a subclinical phenotype of hATTR-CA in V122I TTR carriers. By identifying pathophysiologic evidence of cardiac amyloid progression prior to hATTR-CA onset, these observations will change how we think about this disease and will justify future research in screening and treatment strategies to prevent hATTR-CA.****Role: Primary Investigator** |
| **Pfizer 67656485** | **Grodin (PI)** | **12/15/2022-12/15/2024** |
| **An open-label study to evaluate the safety, efficacy, and pharmacokinetics of tafamidis in patients with transthyretin-mediated amyloidosis post orthotopic heart transplantation** **The goal of this study is to determine the safety and efficacy of tafamidis in stable patients who have undergone heart or combined heart/liver transplantation for ATTR (wild-type or variant) cardiac amyloidosis.****Role: Primary Investigator** |
| R21 HL168476  | Hedayati(PI) | 02/2023 – 01/2025  |
| Blood Biomarkers Associated with Adverse Outcomes in Heart FailureThe goal of this project identify biomarkers that can be easily tested from the blood that are associated with worsening kidney disease and death in patients with heart failure to understand (a) who is at risk for these adverse outcomes and (b) the mechanisms behind kidney disease in heart failure. This study will test certain biomarkers – cystatin C, creatinine, soluble suppression of tumorigenicity 2, and galectin-3 – to see if they are associated with kidney disease and other adverse outcomes in patients with heart failure.Role: Co-I |
| NHLBI - PENDING | Maurer(PI) | 12/2023-11/2030 |
| Biventricular Pacing in Transthyretin Cardiac Amyloidosis The goal of this project is to identify and enroll participants who have transthyretin cardiac amyloidosis and require permanent pacing for standard clinic indications in a randomized, double, blind prospective clinical trial in which all patients will receive a biventricular pacer and then be randomized to either RV or BiV pacing for 24 weeks.Role: Co-I |

**Clinical Trials Activities**

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| --- | --- | --- | --- |
| Year(s) | Role | Name of Trial | Sponsoring Organization(s) |
| 2017-2020 | Site-PI | Get With the Guidelines in ED Patients With Heart Failure (GUIDED-HF); NCT02519283 | Patient-Centered Outcomes Research Institute |
| 2019-2022 | Site-PI | Study to Assess the Effect of Omecamtiv Mecarbil on Exercise Capacity in Subjects With Heart Failure (METEORIC-HF); NCT03759392 | Cytokinetics |
| 2019-Present | Site-PI | Efficacy and Safety of AG10 in Subjects With Transthyretin Amyloid Cardiomyopathy (ATTRibute-CM); NCT03860935 | Eidos Therapeutics (BridgeBio) |
| 2019-2022 | Site-PI; Co-I | Mobile Health Behavioral Intervention in Patients With Heart Failure and Diabetes Mellitus (TARGET-HFDM); NCT02918175 | American Heart Association; Duke Clinical Research Institute |
| 2020-Present | Site-PI | CARDIO-TTRansform: A Study to Evaluate the Efficacy and Safety of AKCEA-TTR-LRx in Participants With Transthyretin-Mediated Amyloid Cardiomyopathy (ATTR CM); NCT04136171 | Ionis Pharmaceuticals, Inc.; Akcea Therapeutics |
| 2020-Present | Site-PI; International Steering Committee | Cardiac Amyloidosis Research Study (CARS); NCT05174338 | Cedars-Sinai Medical Center |
| 2020-Present | PI | Cardiovascular Implications of COVID-19; NCT04435457 | UT Southwestern Medical Center |
| 2021-Present | Site-PI; Co-I | Study of JK07 in Subjects With Heart Failure With Reduced Ejection Fraction (HFrEF); NCT04210375 | Salubris Biotherapeutics, Inc. |
| 2021-Present | Site-PI; **International Steering Committee** | AG10-501 ACT-EARLY ATTR Prevention Trial; *clinical trials.gov registration pending* | Eidos Therapeutics (BridgeBio) |
| 2021-Present | Site-PI | A Phase 1 / 2 Trial of the Safety and Efficacy of SRD-001 (AAV1/SERCA2a) in Subjects with Heart Failure with Reduced Ejection Fraction; NCT04703842 | Sardocor Corp. |

**Teaching Activities**

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| --- | --- |
| Year(s) | Activity |
| Medical and graduate school didactic and small group teaching |
| 2016-Present | Internal Medicine Morning Report, UT Southwestern Internal Medicine |
| 2016-Present | Heart Failure Fellow Didactic Lecture (peripartum cardiomyopathy and heart failure in pregnancy), UT Southwestern Internal Medicine |
| 2017-Present | Heart Failure Fellow Didactic Lecture (surgical management of heart failure), UT Southwestern Internal Medicine |
| 2017 | Course Director – Dallas Advanced Heart Failure Symposium |
| 2017 | Intern Orientation Lecture (Management of NSTEMI), UT Southwestern Internal Medicine |
| 2017-Present | Cardiology Discussant at Ambulatory Report, UT Southwestern Internal Medicine |
| 2017 | Cardiology Fellow Didactic Lecture (Cardiac Amyloidosis), UT Southwestern Internal Medicine |
| 2018-Present | Cardiology Fellow Didactic Lecture (Cardiac Amyloidosis), UT Southwestern Internal Medicine |
| 2018 | Intern Orientation Lecture (Management of NSTEMI), UT Southwestern Internal Medicine |  |
| 2018 | Course Director – Dallas Advanced Heart Failure Symposium, "Contemporary Management of Cardiogenic Shock" |  |
| 2018 | Internal Medicine Noon Conference Lecture, "Back to the Basics" (Treatment of Heart Failure), UT Southwestern Internal Medicine |  |
| 2019 | Internal Medicine Noon Conference Lecture, "Back to the Basics" (Treatment of Heart Failure), UT Southwestern Internal Medicine |  |
| 2019 | Internal Medicine Noon Conference Lecture, "Contemporary Treatment of Acute Heart Failure", UT Southwestern Internal Medicine |  |
| 2019 | Heart Failure Fellow Didactic Lecture (surgical management of heart failure), UT Southwestern Internal Medicine |  |
| 2020 | Cardiology Fellow Didactic Lecture (Cardiac Amyloidosis), UT Southwestern Internal Medicine |  |
| 2020 | Heart Failure Fellow Didactic Lecture (peripartum cardiomyopathy and heart failure in pregnancy), UT Southwestern Internal Medicine |  |
| 2020 | Cardiology Clinical Conference: Amyloidosis Panel, UT Southwestern, Internal Medicine, Cardiology |  |
| 2020 | Course Director – Dallas Advanced Heart Failure Symposium, "State-of-the-Art Management of Mechanical Circulatory Support" |  |
| 2020 | Internal Medicine Noon Conference Lecture, "Back to the Basics" (Treatment of Heart Failure), UT Southwestern Internal Medicine |  |
| 10/12/2020 | Physician Assistant Medical School Didactic Lecture, “Cardiomyopathies”, UT Southwestern Medical School |  |
| 2021 | Internal Medicine Noon Conference Lecture, "Back to the Basics" (Treatment of Heart Failure), UT Southwestern Internal Medicine |  |
| 2021 | Internal Medicine Noon Conference Lecture, "Contemporary Treatment of Acute Heart Failure", UT Southwestern Internal Medicine |  |
| 10/18/2021 | Physician Assistant Medical School Didactic Lecture, “Cardiomyopathies”, UT Southwestern Medical School |  |
| 7/7/2022 | Internal Medicine Noon Conference Lecture, "Back to the Basics" (Treatment of Heart Failure), UT Southwestern Internal Medicine |  |
| 7/8/2022 | PM&R Resident Lecture, “Introduction to LVADs”, UT Southwestern PM&R |  |
| 10/10/2022 | Physician Assistant Medical School Didactic Lecture, “Cardiomyopathies”, UT Southwestern Medical School |  |
| 12/12/2022 | Internal Medicine Noon Conference: Cardiac Amyloidosis, UT Southwestern Internal Medicine |  |
| 5/30/2023 | Cardiology Fellow Didactic Lecture (Cardiac Amyloidosis), UT Southwestern Internal Medicine |  |
| 7/5/2023 | Internal Medicine Noon Conference Lecture, "Back to the Basics" (Treatment of Heart Failure), UT Southwestern Internal Medicine |  |
| Dissertation committees |
| 2022-Present | PhD Candidate: Nada Hammouda, MD, MSCR, Dissertation Committee, Adjunct Member |
| Qualifying examination committees |
| None |  |
| Committees concerned with medical and graduate student education |
| None |  |
| Graduate student rotations |
| None |  |
| Medical student rotations |
| None |  |
| Graduate student trainees |
| 2022-Present | Thesis committee; Rose Pedretti, 2nd Year Graduate Student, Saelices Lab, Center for Alzheimer's and Neurodegenerative Disease |
| Postgraduate medical education (graduate & continuing medical education) |
| 2016-Present | *Ad hoc* clinical teaching to clinical trainees, advanced practice providers, and medical students on inpatient and outpatient clinical services (telemetry wards, intensive care units, clinics, and cardiac catherization laboratories) |
| 2017 | Course Director; Dallas Advanced Heart Failure Symposium |
| 2018 | Course Director; Dallas Advanced Heart Failure Symposium: Contemporary Management of Cardiogenic Shock |
| 2020 | Course Director; Dallas Advanced Heart Failure Symposium: State-of-the-Art Update on Mechanical Circulatory Support |
| Postdoctoral trainees |
| None |  |
| Mentees |
| 2018-2020 | Katherine C. Michelis, MD; Research Fellow; (PMID: 32648531 and PMID: 33164568); Current position: Faculty, Dallas Veterans Affairs Medical Center |
| 2016-Present | Nicholas Hendren, MD; Research Fellow (and resident research): (PMID: 30190011; PMID: 31128735; PMID: 32356182; PMID: 32924307; and PMID: 33200947); Current position: Cardiology Fellow, UT Southwestern Medical Center |
| 2020-2022 | Donald Richards, MD, MPH; Internal Medicine Resident (resident research); Jay I. Cohn Young Investigator Finalist (HFSA, 2021); Current position: Assistant Professor, UT Southwestern Medical Center |
| 2020-2023 | Vicente Morales-Oyarvide, MD, MPH; Internal Medicine Resident (resident research); PMID: 36543076; PMID 37318421 |
| 2021-Present | Lorena Saelices Gomez, PhD; Current position: Assistant Professor, UT Southwestern Medical Center. I serve as a Mentor on her AHA Career Development Award application. |
| 2021-Present | Bethany Roehm MD; (PMID: 34138988); Current position: Assistant Professor, UT Southwestern Medical Center. I server as a Mentor on her KL2 training award application. |
| 2021-Present | Michael Kimbrell MD; Internal Medicine Resident (resident research); THR Clinical Heart Failure Database: Safety and efficacy of inpatient relative to outpatient diuretic dosing  |
| 2021-Present | J. K. Gulati MD; Internal Medicine Resident (resident research); THR Clinical Heart Failure Database: Clinical implications of electrolyte changes during decongestive treatment for decompensated heart failure |
| 2021-Present | Caleb Hood MD Internal Medicine Resident (resident research); PMID: 35930129 |
| 2022-Present | Tejus Satish MD; Internal Medicine Resident (resident research); Identifying phenotypic clusters to predict response from primary prevention ICD in patients with heart failure |
| 2023-Present | Stephanie Moreno MD; Internal Medicine Resident; StARR Program Secondary Mentor |

**Invited Lectures**

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| --- | --- | --- |
| Year(s) | Title | Location |
| International |
| 12/28/2022 | Lifelong Learning in Cardiology Video Series: “Cardiac Amyloidosis: The Zebra is Losing its Stripes” | American College of Cardiology; This speaker series is made for cardiovascular specialists and internists in India. |
| National |
| 9/2018 | "Lung and (Limited" Cardiac Ultrasound: Do We Really Need Them?" | Heart Failure Society of America 22nd Annual Scientific Meeting, Nashville, TN |
| 9/2019 | “Advanced Therapies for Amyloidosis: No Longer An Absolute Contraindication for Some” | Heart Failure Society of America 23nd Annual Scientific Meeting, Philadelphia, PA |
| 10/2020 | “Advanced Heart Failure Therapies in the Patient with Cardiac Amyloidosis” | Heart Failure Society of America 24th Annual Scientific Meeting, Virtual |
| 9/2021 | “COVID-19, Heart Failure, and Imaging” | Heart Failure Society of America 25th Annual Scientific Meeting, Denver, CO |
| 5/18/2022 | Visiting professor, guest speaker, and judge for “Cleveland Clinic Cardiovascular Medicine Research Day May 18, 2022” | Cleveland Clinic, Cleveland, OH |
| 11/18/2022 | Amyloidosis Forum Imaging Meeting, “A Road to Implementation of Imaging as Surrogate Endpoints for Studies in AL and ATTR Amyloidosis” for the Amyloidosis Research Consortium | FDA White Oak Campus, White Oak, Maryland |
| 5/17/2023 | University Hospitals Cleveland- Advanced Heart Failure Lecture, “"Hitting the Accelerator: A 2023 Update in the Diagnosis & Management of Cardiac Amyloidosis” | University Hospitals Cleveland, Cleveland, OH |
| 6/16/2023 | “Future Directions and Areas of Uncertainty for ATTR”, Podcast | American Heart Association |
| Regional/Local |
| 04/2017 | “Contemporary Treatment of Acute Heart Failure” | Texas Health Research & Education Institute |
| 1/2018 | “Identifying Advanced Heart Failure” | Clinical Grand Rounds; Texas Health Dallas Presbyterian Hospital |
| 2/2018 | “Contemporary Treatment of Acute Heart Failure” | Capper Heart Symposium; Texas Health Fort Worth, Harris Methodist Hospital |
| 3/2018 | Internal Medicine Grand Rounds: “Contemporary Treatment of Acute Heart Failure” | Texas Health Dallas Presbyterian Hospital |
| 2/2019 | Internal Medicine Grand Rounds: "Cardiac Amyloidosis: The Zebra is Losing its Stripes" | UT Southwestern Medical Center |
| 10/2019 | "Cardiac Amyloidosis: The Zebra is Losing its Stripes" | UT Southwestern Cardiovascular Symposium; UT Southwestern Medical Center |
| 3/2020 | Internal Medicine Grand Rounds: "Cardiac Amyloidosis: The Zebra is Losing its Stripes" | Texas Health Dallas Presbyterian Hospital |
| 4/2020 | Nephrology Grand Rounds: LVAD Therapy, *“What Does the Nephrologist Need to Know?”* | Division of Nephrology, Department of Internal Medicine, UT Southwestern Medical Center |
| 12/14/2020 | Cardiology Grand Rounds: “Cardiorenal Syndrome and Diuretic Resistance in Heart Failure: From Challenging Dogma to Advancements” | Baylor University Medical Center, Dallas, TX |
| 5/2021 | Nephrology Grand Rounds: LVAD Therapy, *“What Does the Nephrologist Need to Know?”* | Division of Nephrology, Department of Internal Medicine, UT Southwestern Medical Center |
| 6/4/2021 | Internal Medicine Grand Rounds: "Cardiac Amyloidosis: The Zebra is Losing its Stripes" | The University of Texas Health Science Center at Tyler, Tyler, TX |
| 4/2/2022 | 2022 Update in Internal Medicine CME Conference: *“Cardiac Amyloidosis: Not a Zebra Anymore”* | UT Southwestern Medical Center |
| 4/5/2022 | Nephrology Fellow Lecture: LVAD Therapy, *“What Does the Nephrologist Need to Know?”* | Division of Nephrology, Department of Internal Medicine, UT Southwestern Medical Center |
| 9/14/2022 | "Cardiac Amyloidosis: The Zebra is Losing its Stripes" | UT Arlington - Clinical Translational Seminar Series, UT Arlington, Arlington, TX |
| 10/7/2022 | McDermott Center WIP: “Identifying Latent Disease Progression of Cardiac Amyloidosis in V122I TTR Carriers” | McDermott Center, UT Southwestern Medical Center |
| 2/2/2023 | Internal Medicine Grand Rounds: "Hitting the Accelerator: A 2023 Update in the Diagnosis & Management of Cardiac Amyloidosis” | The University of Texas Health Science Center at Tyler, Tyler, TX |
| 3/8/2023 | Internal Medicine Grand Rounds: "Cardiorenal Syndrome and Diuretic Resistance in Heart Failure: From Challenging Dogma to Advancements" | Texas Health Dallas Presbyterian Hospital |
| 5/20/2023 | New Frontiers for the Diagnosis and Management of ATTR Cardiac Amyloidosis | The University of Texas Health Sciencie Center at Tyler, CVC Cardiology Symposium, Tyler, TX |

**Technological and Other Scientific Innovations**

None

**Service to the Community**

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| --- | --- | --- |
| Year(s) | Position/Role | Location |
| 2021-Present | Webinar Panelist/Presenter | Amyloidosis Support Groups (<https://www.amyloidosissupport.org>)  |

**Bibliography**

**Peer-Reviewed Publications**

**Original Research Articles**

|  |  |
| --- | --- |
|  | **Grodin JL**, Powell-Wiley TM, Ayers CR, Kumar DS, Rohatgi A, Khera A, McGuire DK, de Lemos JA, Das SR. Circulating levels of matrix metalloproteinase-9 and abdominal aortic pathology: from the Dallas Heart Study. Vasc Med. 2011;16(5):339-45. Epub 2011/10/18. doi: 10.1177/1358863X11422110. PubMed PMID: 22002999; PMCID: PMC3523319. |
|  | **Grodin JL**, Ayers CR, Thibodeau JT, Mishkin JD, Mammen PP, Markham DW, Drazner MH, Patel PC. Variation of heart transplant rates in the United States during holidays. Clin Transplant. 2014;28(8):877-82. Epub 2014/06/17. doi: 10.1111/ctr.12396. PubMed PMID: 24930691. |
|  | **Grodin JL**, Drazner MH, Dupont M, Mullens W, Taylor DO, Starling RC, Tang WH. A disproportionate elevation in right ventricular filling pressure, in relation to left ventricular filling pressure, is associated with renal impairment and increased mortality in advanced decompensated heart failure. Am Heart J. 2015;169(6):806-12. Epub 2015/06/02. doi: 10.1016/j.ahj.2015.02.017. PubMed PMID: 26027618; PMCID: PMC4451570. |
|  | **Grodin JL**, Hammadah M, Fan Y, Hazen SL, Tang WH. Prognostic value of estimating functional capacity with the use of the duke activity status index in stable patients with chronic heart failure. J Card Fail. 2015;21(1):44-50. Epub 2014/09/02. doi: 10.1016/j.cardfail.2014.08.013. PubMed PMID: 25175697; PMCID: PMC4276449. |
|  | **Grodin JL**, Mullens W, Dupont M, Wu Y, Taylor DO, Starling RC, Tang WH. Prognostic role of cardiac power index in ambulatory patients with advanced heart failure. Eur J Heart Fail. 2015;17(7):689-96. Epub 2015/04/30. doi: 10.1002/ejhf.268. PubMed PMID: 25924078; PMCID: PMC4676268. |
|  | **Grodin JL**, Neale S, Wu Y, Hazen SL, Tang WH. Prognostic comparison of different sensitivity cardiac troponin assays in stable heart failure. Am J Med. 2015;128(3):276-82. Epub 2014/12/03. doi: 10.1016/j.amjmed.2014.09.029. PubMed PMID: 25447612; PMCID: PMC4340722. |
|  | **Grodin JL**, Perez AL, Wu Y, Hernandez AF, Butler J, Metra M, Felker GM, Voors AA, McMurray JJ, Armstrong PW, Califf RM, Starling RC, O'Connor CM, Tang WH. Circulating Kidney Injury Molecule-1 Levels in Acute Heart Failure: Insights From the ASCEND-HF Trial (Acute Study of Clinical Effectiveness of Nesiritide in Decompensated Heart Failure). JACC Heart Fail. 2015;3(10):777-85. Epub 2015/10/10. doi: 10.1016/j.jchf.2015.06.006. PubMed PMID: 26449997. |
|  | **Grodin JL**, Simon J, Hachamovitch R, Wu Y, Jackson G, Halkar M, Starling RC, Testani JM, Tang WH. Prognostic Role of Serum Chloride Levels in Acute Decompensated Heart Failure. J Am Coll Cardiol. 2015;66(6):659-66. Epub 2015/08/08. doi: 10.1016/j.jacc.2015.06.007. PubMed PMID: 26248993. |
|  | Lappe JM, **Grodin JL**, Wu Y, Bott-Silverman C, Cho L. Prevalence and prediction of obstructive coronary artery disease in patients referred for valvular heart surgery. Am J Cardiol. 2015;116(2):280-5. Epub 2015/05/15. doi: 10.1016/j.amjcard.2015.03.063. PubMed PMID: 25972053. |
|  | **Grodin JL**, Lala A, Stevens SR, DeVore AD, Cooper LB, AbouEzzeddine OF, Mentz RJ, Groarke JD, Joyce E, Rosenthal JL, Vader JM, Tang WH. Clinical Implications of Serum Albumin Levels in Acute Heart Failure: Insights From DOSE-AHF and ROSE-AHF. J Card Fail. 2016;22(11):884-90. Epub 2016/11/05. doi: 10.1016/j.cardfail.2016.01.015. PubMed PMID: 26844764; PMCID: PMC4970961. |
|  | **Grodin JL**, Stevens SR, de Las Fuentes L, Kiernan M, Birati EY, Gupta D, Bart BA, Felker GM, Chen HH, Butler J, Davila-Roman VG, Margulies KB, Hernandez AF, Anstrom KJ, Tang WH. Intensification of Medication Therapy for Cardiorenal Syndrome in Acute Decompensated Heart Failure. J Card Fail. 2016;22(1):26-32. Epub 2015/07/26. doi: 10.1016/j.cardfail.2015.07.007. PubMed PMID: 26209004; PMCID: PMC4706474. |
|  | **Grodin JL**, Verbrugge FH, Ellis SG, Mullens W, Testani JM, Tang WH. Importance of Abnormal Chloride Homeostasis in Stable Chronic Heart Failure. Circ Heart Fail. 2016;9(1):e002453. Epub 2016/01/02. doi: 10.1161/CIRCHEARTFAILURE.115.002453. PubMed PMID: 26721916; PMCID: PMC4702267. |
|  | Hanberg JS, Rao V, Ter Maaten JM, Laur O, Brisco MA, Perry Wilson F, **Grodin JL**, Assefa M, Samuel Broughton J, Planavsky NJ, Ahmad T, Bellumkonda L, Tang WH, Parikh CR, Testani JM. Hypochloremia and Diuretic Resistance in Heart Failure: Mechanistic Insights. Circ Heart Fail. 2016;9(8). Epub 2016/08/11. doi: 10.1161/CIRCHEARTFAILURE.116.003180. PubMed PMID: 27507113; PMCID: PMC4988527. |
|  | Joyce E, Lala A, Stevens SR, Cooper LB, AbouEzzeddine OF, Groarke JD, **Grodin JL**, Braunwald E, Anstrom KJ, Redfield MM, Stevenson LW, Heart Failure Apprentice N. Prevalence, Profile, and Prognosis of Severe Obesity in Contemporary Hospitalized Heart Failure Trial Populations. JACC Heart Fail. 2016;4(12):923-31. Epub 2016/12/03. doi: 10.1016/j.jchf.2016.09.013. PubMed PMID: 27908391; PMCID: PMC6693578. |
|  | Perez AL, **Grodin JL**, Wu Y, Hernandez AF, Butler J, Metra M, Felker GM, Voors AA, McMurray JJ, Armstrong PW, Starling RC, O'Connor CM, Tang WH. Increased mortality with elevated plasma endothelin-1 in acute heart failure: an ASCEND-HF biomarker substudy. Eur J Heart Fail. 2016;18(3):290-7. Epub 2015/12/15. doi: 10.1002/ejhf.456. PubMed PMID: 26663359. |
|  | Senapati A, Sperry BW, **Grodin JL**, Kusunose K, Thavendiranathan P, Jaber W, Collier P, Hanna M, Popovic ZB, Phelan D. Prognostic implication of relative regional strain ratio in cardiac amyloidosis. Heart. 2016;102(10):748-54. Epub 2016/02/03. doi: 10.1136/heartjnl-2015-308657. PubMed PMID: 26830665. |
|  | Tang WH, Wu Y, **Grodin JL**, Hsu AP, Hernandez AF, Butler J, Metra M, Voors AA, Felker GM, Troughton RW, Mills RM, McMurray JJ, Armstrong PW, O'Connor CM, Starling RC. Prognostic Value of Baseline and Changes in Circulating Soluble ST2 Levels and the Effects of Nesiritide in Acute Decompensated Heart Failure. JACC Heart Fail. 2016;4(1):68-77. Epub 2015/12/15. doi: 10.1016/j.jchf.2015.07.015. PubMed PMID: 26656144. |
|  | Vader JM, LaRue SJ, Stevens SR, Mentz RJ, DeVore AD, Lala A, Groarke JD, AbouEzzeddine OF, Dunlay SM, **Grodin JL**, Davila-Roman VG, de Las Fuentes L. Timing and Causes of Readmission After Acute Heart Failure Hospitalization-Insights From the Heart Failure Network Trials. J Card Fail. 2016;22(11):875-83. Epub 2016/11/05. doi: 10.1016/j.cardfail.2016.04.014. PubMed PMID: 27133201; PMCID: PMC5085925. |
|  | Verbrugge FH, **Grodin JL**, Mullens W, Taylor DO, Starling RC, Tang WH. Transient Hyponatremia During Hospitalization for Acute Heart Failure. Am J Med. 2016;129(6):620-7. Epub 2016/02/03. doi: 10.1016/j.amjmed.2016.01.016. PubMed PMID: 26836387; PMCID: PMC4879069. |
|  | Aimo A, Vergaro G, Ripoli A, Bayes-Genis A, Pascual Figal DA, de Boer RA, Lassus J, Mebazaa A, Gayat E, Breidthardt T, Sabti Z, Mueller C, Brunner-La Rocca HP, Tang WH, **Grodin JL**, Zhang Y, Bettencourt P, Maisel AS, Passino C, Januzzi JL, Emdin M. Meta-Analysis of Soluble Suppression of Tumorigenicity-2 and Prognosis in Acute Heart Failure. JACC Heart Fail. 2017;5(4):287-96. Epub 2017/02/13. doi: 10.1016/j.jchf.2016.12.016. PubMed PMID: 28189578. |
|  | Cheeran D, Khan S, Khera R, Bhatt A, Garg S, **Grodin JL**, Morlend R, Araj FG, Amin AA, Thibodeau JT, Das S, Drazner MH, Mammen PPA. Predictors of Death in Adults With Duchenne Muscular Dystrophy-Associated Cardiomyopathy. J Am Heart Assoc. 2017;6(10). Epub 2017/10/19. doi: 10.1161/JAHA.117.006340. PubMed PMID: 29042427; PMCID: PMC5721845. |
|  | **Grodin JL**, Gallup D, Anstrom KJ, Felker GM, Chen HH, Tang WHW. Implications of Alternative Hepatorenal Prognostic Scoring Systems in Acute Heart Failure (from DOSE-AHF and ROSE-AHF). Am J Cardiol. 2017;119(12):2003-9. Epub 2017/04/24. doi: 10.1016/j.amjcard.2017.03.031. PubMed PMID: 28433216; PMCID: PMC5477997. |
|  | **Grodin JL**, Sun JL, Anstrom KJ, Chen HH, Starling RC, Testani JM, Tang WH. Implications of Serum Chloride Homeostasis in Acute Heart Failure (from ROSE-AHF). Am J Cardiol. 2017;119(1):78-83. Epub 2016/11/07. doi: 10.1016/j.amjcard.2016.09.014. PubMed PMID: 27816115; PMCID: PMC5161696. |
|  | Kitai T, **Grodin JL**, Kim YH, Tang WH. Impact of Ultrafiltration on Serum Sodium Homeostasis and its Clinical Implication in Patients With Acute Heart Failure, Congestion, and Worsening Renal Function. Circ Heart Fail. 2017;10(2):e003603. Epub 2017/01/29. doi: 10.1161/CIRCHEARTFAILURE.116.003603. PubMed PMID: 28130379; PMCID: PMC5308796. |
|  | Kitai T, **Grodin JL**, Mentz RJ, Hernandez AF, Butler J, Metra M, McMurray JJ, Armstrong PW, Starling RC, O'Connor CM, Swedberg K, Tang WH. Insufficient reduction in heart rate during hospitalization despite beta-blocker treatment in acute decompensated heart failure: insights from the ASCEND-HF trial. Eur J Heart Fail. 2017;19(2):241-9. Epub 2016/09/17. doi: 10.1002/ejhf.629. PubMed PMID: 27634557. |
|  | Kitai T, Kim YH, Kiefer K, Morales R, Borowski AG, **Grodin JL**, Tang WHW. Circulating intestinal fatty acid-binding protein (I-FABP) levels in acute decompensated heart failure. Clin Biochem. 2017;50(9):491-5. Epub 2017/02/25. doi: 10.1016/j.clinbiochem.2017.02.014. PubMed PMID: 28232029; PMCID: PMC5474350. |
|  | Groarke JD, Stevens SR, Mentz RJ, Cooper LB, Vader JM, AbouEzzeddine OF, **Grodin JL**, Joyce E, Anstrom KJ, Felker GM, Redfield MM, Stevenson LW, Lala A. Clinical Significance of Early Fluid and Weight Change During Acute Heart Failure Hospitalization. J Card Fail. 2018;24(9):542-9. Epub 2018/01/18. doi: 10.1016/j.cardfail.2017.12.013. PubMed PMID: 29337281. |
|  | **Grodin JL**, Butler J, Metra M, Felker GM, Voors AA, McMurray JJ, Armstrong PW, Hernandez AF, O'Connor C, Starling RC, Tang WHW. Circulating Cardiac Troponin I Levels Measured by a Novel Highly Sensitive Assay in Acute Decompensated Heart Failure: Insights From the ASCEND-HF Trial. J Card Fail. 2018;24(8):512-9. Epub 2018/07/18. doi: 10.1016/j.cardfail.2018.06.008. PubMed PMID: 30012361. |
|  | **Grodin JL**, Carter S, Bart BA, Goldsmith SR, Drazner MH, Tang WHW. Direct comparison of ultrafiltration to pharmacological decongestion in heart failure: a per-protocol analysis of CARRESS-HF. Eur J Heart Fail. 2018;20(7):1148-56. Epub 2018/03/02. doi: 10.1002/ejhf.1158. PubMed PMID: 29493059. |
|  | **Grodin JL**, Mullens W, Dupont M, Taylor DO, McKie PM, Starling RC, Testani JM, Tang WHW. Hemodynamic factors associated with serum chloride in ambulatory patients with advanced heart failure. Int J Cardiol. 2018;252:112-6. Epub 2017/12/19. doi: 10.1016/j.ijcard.2017.11.024. PubMed PMID: 29249420. |
|  | **Grodin JL**, Testani JM, Pandey A, Sambandam K, Drazner MH, Fang JC, Tang WHW. Perturbations in serum chloride homeostasis in heart failure with preserved ejection fraction: insights from TOPCAT. Eur J Heart Fail. 2018;20(10):1436-43. Epub 2018/06/13. doi: 10.1002/ejhf.1229. PubMed PMID: 29893446. |
|  | Hendren NS, Neeland IJ, Vongpatanasin W, Kumbhani DJ, Drazner MH, Tang WHW, **Grodin JL**. Intensive Blood Pressure Control and Body Size. J Am Coll Cardiol. 2018;72(11):1317-8. Epub 2018/09/08. doi: 10.1016/j.jacc.2018.06.058. PubMed PMID: 30190011. |
|  | Kiernan MS, Stevens SR, Tang WHW, Butler J, Anstrom KJ, Birati EY, **Grodin JL**, Gupta D, Margulies KB, LaRue S, Davila-Roman VG, Hernandez AF, de Las Fuentes L, Investigators NHFCTN. Determinants of Diuretic Responsiveness and Associated Outcomes During Acute Heart Failure Hospitalization: An Analysis From the NHLBI Heart Failure Network Clinical Trials. J Card Fail. 2018;24(7):428-38. Epub 2018/02/27. doi: 10.1016/j.cardfail.2018.02.002. PubMed PMID: 29482026; PMCID: PMC6102061. |
|  | Pandey A, Berry JD, Drazner MH, Fang JC, Tang WHW, **Grodin JL**. Body Mass Index, Natriuretic Peptides, and Risk of Adverse Outcomes in Patients With Heart Failure and Preserved Ejection Fraction: Analysis From the TOPCAT Trial. J Am Heart Assoc. 2018;7(21):e009664. Epub 2018/11/01. doi: 10.1161/JAHA.118.009664. PubMed PMID: 30376747; PMCID: PMC6404179. |
|  | Aimo A, Januzzi JL, Jr., Vergaro G, Ripoli A, Latini R, Masson S, Magnoli M, Anand IS, Cohn JN, Tavazzi L, Tognoni G, Gravning J, Ueland T, Nymo SH, Brunner-La Rocca HP, Bayes-Genis A, Lupon J, de Boer RA, Yoshihisa A, Takeishi Y, Egstrup M, Gustafsson I, Gaggin HK, Eggers KM, Huber K, Tentzeris I, Tang WHW, **Grodin J**, Passino C, Emdin M. Prognostic Value of High-Sensitivity Troponin T in Chronic Heart Failure: An Individual Patient Data Meta-Analysis. Circulation. 2018;137(3):286-97. Epub 2018/01/18. doi: 10.1161/CIRCULATIONAHA.117.031560. PubMed PMID: 29335288. |
|  | Aimo A, Januzzi JL, Jr., Vergaro G, Ripoli A, Latini R, Masson S, Magnoli M, Anand IS, Cohn JN, Tavazzi L, Tognoni G, Gravning J, Ueland T, Nymo SH, Rocca HB, Bayes-Genis A, Lupon J, de Boer RA, Yoshihisa A, Takeishi Y, Egstrup M, Gustafsson I, Gaggin HK, Eggers KM, Huber K, Tentzeris I, Wilson Tang WH, **Grodin JL**, Passino C, Emdin M. High-sensitivity troponin T, NT-proBNP and glomerular filtration rate: A multimarker strategy for risk stratification in chronic heart failure. Int J Cardiol. 2019;277:166-72. Epub 2018/11/13. doi: 10.1016/j.ijcard.2018.10.079. PubMed PMID: 30416028. |
|  | Darden D, Drazner MH, Mullens W, Dupont M, Tang WHW, **Grodin JL**. Implications of renin-angiotensin-system blocker discontinuation in acute decompensated heart failure with systolic dysfunction. Clin Cardiol. 2019;42(10):1010-8. Epub 2019/09/10. doi: 10.1002/clc.23260. PubMed PMID: 31498919; PMCID: PMC6788475. |
|  | **Grodin JL**, Liebo MJ, Butler J, Metra M, Felker GM, Hernandez AF, Voors AA, McMurray JJ, Armstrong PW, O'Connor C, Starling RC, Troughton RW, Tang WHW. Prognostic Implications of Changes in Amino-Terminal Pro-B-Type Natriuretic Peptide in Acute Decompensated Heart Failure: Insights From ASCEND-HF. J Card Fail. 2019;25(9):703-11. Epub 2019/04/07. doi: 10.1016/j.cardfail.2019.04.002. PubMed PMID: 30953792. |
|  | **Grodin JL**, Philips S, Mullens W, Nijst P, Martens P, Fang JC, Drazner MH, Tang WHW, Pandey A. Prognostic implications of plasma volume status estimates in heart failure with preserved ejection fraction: insights from TOPCAT. Eur J Heart Fail. 2019;21(5):634-42. Epub 2019/02/05. doi: 10.1002/ejhf.1407. PubMed PMID: 30714658. |
|  | Hendren NS, Drazner MH, Pandey A, Tang WHW, **Grodin JL**. Implications of Perceived Dyspnea and Global Well-Being Measured by Visual Assessment Scales During Treatment for Acute Decompensated Heart Failure. Am J Cardiol. 2019;124(3):402-8. Epub 2019/05/28. doi: 10.1016/j.amjcard.2019.05.011. PubMed PMID: 31128735. |
|  | Mauricio R, Patel KV, Agusala V, Singh K, Lewis A, Ayers C, **Grodin JL**, Berry JD, Pandey A. Sex differences in cardiac function, biomarkers and exercise performance in heart failure with preserved ejection fraction: findings from the RELAX trial. Eur J Heart Fail. 2019;21(11):1476-9. Epub 2019/08/06. doi: 10.1002/ejhf.1554. PubMed PMID: 31380579. |
|  | Pandey A, Patel KV, Ayers C, Tang WHW, Fang JC, Drazner MH, Berry J, **Grodin JL**. Temporal association between hospitalization event and subsequent risk of mortality among patients with stable chronic heart failure with preserved ejection fraction: insights from the TOPCAT trial. Eur J Heart Fail. 2019;21(5):693-5. Epub 2019/04/02. doi: 10.1002/ejhf.1460. PubMed PMID: 30933394. |
|  | Patel KV, Mauricio R, **Grodin JL**, Ayers C, Fonarow GC, Berry JD, Pandey A. Identifying a low-flow phenotype in heart failure with preserved ejection fraction: a secondary analysis of the RELAX trial. ESC Heart Fail. 2019;6(4):613-20. Epub 2019/04/18. doi: 10.1002/ehf2.12431. PubMed PMID: 30993916; PMCID: PMC6676300. |
|  | Patil N, Arora S, Qamar A, Strassle PD, Alexander KM, Fatima A, Maurer MS, **Grodin JL**, Pandey A. Trends and causes of hospitalizations in patients with amyloidosis. Amyloid. 2019;26(3):177-8. Epub 2019/06/08. doi: 10.1080/13506129.2019.1618261. PubMed PMID: 31172802. |
|  | Segar MW, Patel KV, Berry JD, **Grodin JL**, Pandey A. Generalizability and Implications of the H2FPEF Score in a Cohort of Patients With Heart Failure With Preserved Ejection Fraction. Circulation. 2019;139(15):1851-3. Epub 2019/04/09. doi: 10.1161/CIRCULATIONAHA.118.039051. PubMed PMID: 30958721. |
|  | Segar MW, Vaduganathan M, Patel KV, McGuire DK, Butler J, Fonarow GC, Basit M, Kannan V, **Grodin JL**, Everett B, Willett D, Berry J, Pandey A. Machine Learning to Predict the Risk of Incident Heart Failure Hospitalization Among Patients With Diabetes: The WATCH-DM Risk Score. Diabetes Care. 2019;42(12):2298-306. Epub 2019/09/15. doi: 10.2337/dc19-0587. PubMed PMID: 31519694; PMCID: PMC7364669. |
|  | Vora A, de Lemos JA, Ayers C, **Grodin JL**, Lingvay I. Association of Galectin-3 With Diabetes Mellitus in the Dallas Heart Study. J Clin Endocrinol Metab. 2019;104(10):4449-58. Epub 2019/06/05. doi: 10.1210/jc.2019-00398. PubMed PMID: 31162551. |
|  | Wrobel CA, Drazner MH, Ayers CR, Pham DD, La Hoz RM, **Grodin JL**, Garg S, Mammen PPA, Morlend RM, Araj F, Amin AA, Cornwell WK, 3rd, Thibodeau JT. Delayed febrile response with bloodstream infections in patients with continuous-flow left ventricular assist devices. J Investig Med. 2019;67(3):653-8. Epub 2019/01/31. doi: 10.1136/jim-2018-000893. PubMed PMID: 30696751; PMCID: PMC6391164. |
|  | Arora S, Patil NS, Strassle PD, Qamar A, Vaduganathan M, Fatima A, Mogili K, Garipalli D, **Grodin JL**, Vavalle JP, Fonarow GC, Bhatt DL, Pandey A. Amyloidosis and 30-Day Outcomes Among Patients With Heart Failure: A Nationwide Readmissions Database Study. JACC CardioOncol. 2020;2(5):710-8. Epub 2021/08/17. doi: 10.1016/j.jaccao.2020.10.007. PubMed PMID: 34396285; PMCID: PMC8352138. |
|  | Fudim M, Brooksbank J, Giczewska A, Greene SJ, **Grodin JL**, Martens P, Ter Maaten JM, Sharma A, Verbrugge FH, Chakraborty H, Bart BA, Butler J, Hernandez AF, Felker GM, Mentz RJ. Ultrafiltration in Acute Heart Failure: Implications of Ejection Fraction and Early Response to Treatment From CARRESS-HF. J Am Heart Assoc. 2020;9(24):e015752. Epub 2020/12/09. doi: 10.1161/JAHA.119.015752. PubMed PMID: 33289458; PMCID: PMC7955382. |
|  | Hendren NS, Zhong L, Neeland IJ, Michelis KC, Drazner MH, Tang WHW, Pandey A, **Grodin JL**. Impact of body mass index on surgical coronary revascularization for ischaemic heart failure: insights from STICHES. ESC Heart Fail. 2020. Epub 2020/09/15. doi: 10.1002/ehf2.12954. PubMed PMID: 32924307; PMCID: PMC7754770. |
|  | Khera R, Kondamudi N, Zhong L, Vaduganathan M, Parker J, Das SR, **Grodin JL**, Halm EA, Berry JD, Pandey A. Temporal Trends in Heart Failure Incidence Among Medicare Beneficiaries Across Risk Factor Strata, 2011 to 2016. JAMA Netw Open. 2020;3(10):e2022190. Epub 2020/10/24. doi: 10.1001/jamanetworkopen.2020.22190. PubMed PMID: 33095250; PMCID: PMC7584929. |
|  | Lowther MK, Tunnell JP, Palka JM, King DR, Salako DC, Macris DG, Italiya JB, **Grodin JL**, North CS, Brown ES. Relationship between inflammatory biomarker galectin-3 and hippocampal volume in a community study. J Neuroimmunol. 2020;348:577386. Epub 2020/09/15. doi: 10.1016/j.jneuroim.2020.577386. PubMed PMID: 32927397; PMCID: PMC7673815. |
|  | Michelis KC, Zhong L, Peltz M, Pandey A, Tang WHW, Rohatgi A, Young JB, Drazner MH, **Grodin JL**. Dynamic Forecasts of Survival for Patients Living With Destination Left Ventricular Assist Devices: Insights From INTERMACS. J Am Heart Assoc. 2020;9(14):e016203. Epub 2020/07/11. doi: 10.1161/JAHA.119.016203. PubMed PMID: 32648531; PMCID: PMC7660737. |
|  | Michelis KC, Zhong L, Tang WHW, Young JB, Peltz M, Drazner MH, Pandey A, Griffin J, Maurer MS, **Grodin JL**. Durable Mechanical Circulatory Support in Patients With Amyloid Cardiomyopathy: Insights From INTERMACS. Circ Heart Fail. 2020;13(12):e007931. Epub 2020/11/10. doi: 10.1161/CIRCHEARTFAILURE.120.007931. PubMed PMID: 33164568. |
|  | Segar MW, Patel KV, Ayers C, Basit M, Tang WHW, Willett D, Berry J, **Grodin JL**, Pandey A. Phenomapping of patients with heart failure with preserved ejection fraction using machine learning-based unsupervised cluster analysis. Eur J Heart Fail. 2020;22(1):148-58. Epub 2019/10/23. doi: 10.1002/ejhf.1621. PubMed PMID: 31637815. |
|  | Segar MW, Patel KV, Vaduganathan M, Caughey MC, Butler J, Fonarow GC, **Grodin JL**, McGuire DK, Pandey A. Association of Long-term Change and Variability in Glycemia With Risk of Incident Heart Failure Among Patients With Type 2 Diabetes: A Secondary Analysis of the ACCORD Trial. Diabetes Care. 2020;43(8):1920-8. Epub 2020/06/17. doi: 10.2337/dc19-2541. PubMed PMID: 32540922; PMCID: PMC7876556. |
|  | Varian KD, Ji X, **Grodin JL**, Verbrugge FH, Milinovich A, Kattan MW, Tang WHW. Resting heart rate in ambulatory heart failure with reduced ejection fraction treated with beta-blockers. ESC Heart Fail. 2020;7(5):3049-58. Epub 2020/08/07. doi: 10.1002/ehf2.12931. PubMed PMID: 32757485; PMCID: PMC7524238. |
|  | Bruno M, Castano A, Burton A, **Grodin JL**. Transthyretin amyloid cardiomyopathy in women: frequency, characteristics, and diagnostic challenges. Heart Fail Rev. 2021;26(1):35-45. Epub 2020/08/15. doi: 10.1007/s10741-020-10010-8. PubMed PMID: 32794090; PMCID: PMC7769788. |
|  | Fudim M, Lerman JB, Page C, Alhanti B, Califf RM, Ezekowitz JA, Girerd N, **Grodin JL**, Miller WL, Pandey A, Rossignol P, Starling RC, Tang WHW, Zannad F, Hernandez AF, O'Connor C M, Mentz RJ. Plasma Volume Status and Its Association With In-Hospital and Postdischarge Outcomes in Decompensated Heart Failure. J Card Fail. 2021;27(3):297-308. Epub 2020/10/11. doi: 10.1016/j.cardfail.2020.09.478. PubMed PMID: 33038532. |
|  | Hendren NS, de Lemos JA, Ayers C, Das SR, Rao A, Carter S, Rosenblatt A, Walchok J, Omar W, Khera R, Hegde AA, Drazner MH, Neeland IJ, **Grodin JL**. Association of Body Mass Index and Age With Morbidity and Mortality in Patients Hospitalized With COVID-19: Results From the American Heart Association COVID-19 Cardiovascular Disease Registry. Circulation. 2021;143(2):135-44. Epub 2020/11/18. doi: 10.1161/CIRCULATIONAHA.120.051936. PubMed PMID: 33200947. |
|  | King DR, Salako DC, Arthur-Bentil SK, Rubin AE, Italiya JB, Tan JS, Macris DG, Neely HK, Palka JM, **Grodin JL**, Davis-Bordovsky K, Faubion M, North CS, Brown ES. Relationship between novel inflammatory biomarker galectin-3 and depression symptom severity in a large community-based sample. J Affect Disord. 2021;281:384-9. Epub 2020/12/23. doi: 10.1016/j.jad.2020.12.050. PubMed PMID: 33352408; PMCID: PMC7856258. |
|  | La Hoz RM, Wallace A, Barros N, Xie D, Hynan LS, Liu T, Yek C, Schexnayder S, **Grodin JL**, Garg S, Drazner MH, Peltz M, Haley RW, Greenberg DE. Epidemiology and risk factors for varicella zoster virus reactivation in heart transplant recipients. Transpl Infect Dis. 2021;23(3):e13519. Epub 2020/11/22. doi: 10.1111/tid.13519. PubMed PMID: 33220133. |
|  | Michelis KC, **Grodin JL**, Zhong L, Pandey A, Toto K, Ayers CR, Thibodeau JT, Drazner MH. Discordance Between Severity of Heart Failure as Determined by Patient Report Versus Cardiopulmonary Exercise Testing. J Am Heart Assoc. 2021;10(13):e019864. Epub 2021/06/29. doi: 10.1161/JAHA.120.019864. PubMed PMID: 34180246; PMCID: PMC8403334. |
|  | Perez AL, **Grodin JL**, Chaikijurajai T, Wu Y, Hernandez AF, Butler J, Metra M, Felker GM, Voors AA, McMurray JJ, Armstrong PW, O'Connor C, Starling RC, Tang WHW. Interleukin-6 and Outcomes in Acute Heart Failure: An ASCEND-HF Substudy. J Card Fail. 2021;27(6):670-6. Epub 2021/01/27. doi: 10.1016/j.cardfail.2021.01.006. PubMed PMID: 33497809. |
|  | Pham D, Drazner MH, Ayers CR, **Grodin JL**, Hardin EA, Garg S, Mammen PPA, Amin A, Araj FG, Morlend RM, Thibodeau JT. Identifying Discordance of Right- and Left-Ventricular Filling Pressures in Patients with Heart Failure by the Clinical Examination. Circ Heart Fail. 2021. Epub 2021/09/11. doi: 10.1161/CIRCHEARTFAILURE.121.008779. PubMed PMID: 34503353. |
|  | Segar MW, Patel RB, Patel KV, Fudim M, DeVore AD, Martens P, Hedayati SS, **Grodin JL**, Tang WHW, Pandey A. Association of Visit-to-Visit Variability in Kidney Function and Serum Electrolyte Indexes With Risk of Adverse Clinical Outcomes Among Patients With Heart Failure With Preserved Ejection Fraction. JAMA Cardiol. 2021;6(1):68-77. Epub 2020/11/19. doi: 10.1001/jamacardio.2020.5592. PubMed PMID: 33206129; PMCID: PMC7675220. |
|  | Thibodeau JT, Pham DD, Kelly SA, Ayers CR, Garg S, **Grodin JL**, Drazner MH. Subclinical myocardial injury and the phenotype of clinical congestion in patients with heart failure and reduced left ventrcular ejection fraction. J Card Fail. 2021. Epub 2021/09/18. doi: 10.1016/j.cardfail.2021.09.002. PubMed PMID: 34534666. |
|  | Kozlitina J, Garg S, Drazner MH, Matulevicius SA, Ayers C, Overton J, Reid J, Baras A, Rao K, Pandey A, Berry J, de Lemos JA, **Grodin JL**. Clinical Implications of the Amyloidogenic V122I Transthyretin Variant in the General Population. J Card Fail. 2022;28(3):403-14. Epub 2021/10/12. doi: 10.1016/j.cardfail.2021.09.015. PubMed PMID: 34634447; PMCID: PMC8923911. |
|  | Hendren NS, Segar MW, Zhong L, Michelis KC, Drazner MH, Young JB, Tang WHW, Pandey A, **Grodin JL**. Phenomapping a Novel Classification System for Patients With Destination Therapy Left Ventricular Assist Devices. Am J Cardiol. 2021. Epub 2021/11/25. doi: 10.1016/j.amjcard.2021.10.028. PubMed PMID: 34815060. |
|  | Griffin JM, Baughan E, Rosenblum H, Clerkin KJ, Fried JA, Raikhelkar J, Uriel N, Brannagan TH, Takeda K, **Grodin JL**, Marboe C, Maurer MS, Farr MA. Surveillance for disease progression of transthyretin amyloidosis after heart transplantation in the era of novel disease modifying therapies. J Heart Lung Transplant. 2021. Epub 2021/12/20. doi: 10.1016/j.healun.2021.10.007. PubMed PMID: 34922822. |
|  | Bourque JM, Schepart A, Bhambri R, Castano A, O'Brien A, Chen Y, Prasad S, Roy A, **Grodin JL**. Temporal Trends in Diagnostic Testing Patterns for Wild-Type Transthyretin Amyloid Cardiomyopathy in the Medicare Fee-for-Service Population. Am J Cardiol. 2022. Epub 2022/01/14. doi: 10.1016/j.amjcard.2021.11.048. PubMed PMID: 35022130. |
|  | Coniglio AC, Segar MW, Loungani RS, Savla JJ, **Grodin JL**, Fox ER, Garg S, de Lemos JA, Berry JD, Drazner MH, Shah S, Hall ME, Shah A, Khan SS, Mentz RJ, Pandey A. Transthyretin V142I Genetic Variant and Cardiac Remodeling, Injury, and Heart Failure Risk in Black Adults. JACC Heart Fail. 2022;10(2):129-38. Epub 2022/02/05. doi: 10.1016/j.jchf.2021.09.006. PubMed PMID: 35115086. |
|  | Ammirati E, Lupi L, Palazzini M, Hendren NS, **Grodin JL**, Cannistraci CV, Schmidt M, Hekimian G, Peretto G, Bochaton T, Hayek A, Piriou N, Leonardi S, Guida S, Turco A, Sala S, Uribarri A, Van de Heyning CM, Mapelli M, Campodonico J, Pedrotti P, Barrionuevo Sanchez MI, Ariza Sole A, Marini M, Matassini MV, Vourc'h M, Cannata A, Bromage DI, Briguglia D, Salamanca J, Diez-Villanueva P, Lehtonen J, Huang F, Russel S, Soriano F, Turrini F, Cipriani M, Bramerio M, Di Pasquale M, Grosu A, Senni M, Farina D, Agostoni P, Rizzo S, De Gaspari M, Marzo F, Duran JM, Adler ED, Giannattasio C, Basso C, McDonagh T, Kerneis M, Combes A, Camici PG, de Lemos JA, Metra M. Prevalence, Characteristics, and Outcomes of COVID-19-Associated Acute Myocarditis. Circulation. 2022;145(15):1123-39. Epub 2022/04/12. doi: 10.1161/CIRCULATIONAHA.121.056817. PubMed PMID: 35404682. |
|  | Narang N, Thibodeau JT, Parker WF, **Grodin JL**, Garg S, Tedford RJ, Levine BD, McGuire DK, Drazner MH. Comparison of Accuracy of Estimation of Cardiac Output by Thermodilution Versus the Fick Method Using Measured Oxygen Uptake. Am J Cardiol. 2022. Epub 2022/05/26. doi: 10.1016/j.amjcard.2022.04.026. PubMed PMID: 35613956. |
|  | Mete M, Ayvaci MUS, Ariyamuthu VK, Amin A, Peltz M, Thibodeau JT, **Grodin JL**, Mammen PPA, Garg S, Araj F, Morlend R, Drazner MH, AbdulRahim N, Kim Y, Salam Y, Gungor AB, Delibasi B, Kotla SK, MacConmara MP, Mohan Anand P, Gupta G, Tanriover B. Predicting Post-Heart Transplant Composite Renal Outcome Risk in Adults: A Machine Learning Decision Tool. Kidney Int Rep. 2022;7(6):1410-5. Epub 2022/06/11. doi: 10.1016/j.ekir.2022.04.004. PubMed PMID: 35685329; PMCID: PMC9171705. |
|  | Kolkailah AA, Abougergi MS, Desai PV, Patel A, Fugar S, Okoh AK, Al-Ogaili A, Hirji SA, Kaneko T, Volgman AS, Doukky R, **Grodin JL**, McGuire DK. Does the "July effect" of new trainees at teaching hospitals impact outcomes for patients hospitalized with heart failure? Real-world analyses of more than half a million US admissions. Am Heart J Plus. 2022;13. Epub 2022/06/21. doi: 10.1016/j.ahjo.2021.100072. PubMed PMID: 35720432; PMCID: PMC9205541. |
|  | Felker GM, Sharma A, Mentz RJ, She L, Green CL, Granger BB, Heitner JF, Cooper L, Teuteberg J, **Grodin JL**, Rosenfield K, Hudson L, Kwee LC, Ilkayeva O, Shah SH. A randomized controlled trial of mobile health intervention in patients with heart failure and diabetes. J Card Fail. 2022. Epub 2022/07/27. doi: 10.1016/j.cardfail.2022.07.048. PubMed PMID: 35882260. |
|  | Chaikijurajai T, Wu Y, **Grodin JL**, Harb S, Jaber W, Tang WHW. Validation of prognostic value of the hemodynamic gain index in different groups of patients undergoing exercise stress testing. Am Heart J Plus. 2022;18. Epub 2022/08/09. doi: 10.1016/j.ahjo.2022.100174. PubMed PMID: 35935015; PMCID: PMC9354505. |
|  | Morales-Oyarvide V, Richards D, Hendren NS, Michelis K, Chaikijurajai T, MacNamara JP, Sarma S, Farr MA, Drazner MH, Tang WHW, **Grodin JL**. Hemodynamic Gain Index and Exercise Capacity in Heart Failure With Preserved Ejection Fraction. Am J Cardiol. 2022;190:17-24. Epub 2022/12/22. doi: 10.1016/j.amjcard.2022.11.049. PubMed PMID: 36543076. |
|  | Saef J, Martyn T, Ives L, Roth LR, **Grodin JL**, Maurer MS, Hanna M, Tang WHW. Predictive Modeling to Assess Pretest Probability of Transthyretin Gene Variants Based on Demographic Information. Circ Heart Fail. 2023:e009908. Epub 2023/01/21. doi: 10.1161/CIRCHEARTFAILURE.122.009908. PubMed PMID: 36661045. |
|  | Thibodeau JT, Ravipati G, Pham DD, Ayers CR, Hardin EA, Chin KM, **Grodin JL**, Drazner MH. Disentangling the Pulmonary Capillary Wedge Pressure From the Pulmonary Artery Pressure as the Hemodynamic Underpinning of Bendopnea. Circ Heart Fail. 2023;16(2):e010169. Epub 2023/02/23. doi: 10.1161/CIRCHEARTFAILURE.122.010169. PubMed PMID: 36809040. |
|  | Chaikijurajai T, Finet JE, Engelman T, Wu Y, Martens P, Van Iterson E, Morales-Oyarvide V, **Grodin JL**, Tang WHW. Prognostic Value of Hemodynamic Gain Index in Patients With Heart Failure With Reduced Ejection Fraction. JACC Heart Fail. 2023. Epub 2023/06/15. doi: 10.1016/j.jchf.2023.05.005. PubMed PMID: 37318421. |

**Reviews, Chapters, Monographs and Editorials**

|  |  |
| --- | --- |
| 1. | **Grodin JL**, Tang WH. Treatment strategies for the prevention of heart failure. Curr Heart Fail Rep. 2013;10(4):331-40. Epub 2013/09/10. doi: 10.1007/s11897-013-0154-8. PubMed PMID: 24014140; PMCID: PMC3823759. |
| 2. | Tang WHW, **Grodin JL**. Worsening heart failure: challenges as a therapeutic target. JACC Heart Fail. 2015;3(5):404-7. Epub 2015/05/09. doi: 10.1016/j.jchf.2015.02.003. PubMed PMID: 25951762. |
| 3. | **Grodin JL**. Pharmacologic Approaches to Electrolyte Abnormalities in Heart Failure. Curr Heart Fail Rep. 2016;13(4):181-9. Epub 2016/06/10. doi: 10.1007/s11897-016-0295-7. PubMed PMID: 27278221. |
| 4. | Sperry BW, **Grodin JL**. Finding Mentorship Among Your Peers: Sharing the Wealth. J Am Coll Cardiol. 2016;68(23):2585-7. Epub 2016/12/10. doi: 10.1016/j.jacc.2016.10.021. PubMed PMID: 27931617. |
| 5. | Tang WH, **Grodin JL**. Novel Biomarkers of Heart Failure: Do They Have Incremental Clinical Utility? J Card Fail. 2016;22(4):263-4. Epub 2016/03/01. doi: 10.1016/j.cardfail.2016.02.006. PubMed PMID: 26923642. |
| 6. | Hardin EA, **Grodin JL**. Diuretic Strategies in Acute Decompensated Heart Failure. Curr Heart Fail Rep. 2017;14(2):127-33. Epub 2017/03/01. doi: 10.1007/s11897-017-0319-y. PubMed PMID: 28243969. |
| 7. | Pham D, **Grodin JL**. Dilemmas in the Dosing of Heart Failure Drugs: Titrating Diuretics in Chronic Heart Failure. Card Fail Rev. 2017;3(2):108-12. Epub 2018/02/02. doi: 10.15420/cfr.2017:10:1. PubMed PMID: 29387462; PMCID: PMC5789220. |
| 8. | Fudim M, **Grodin JL**, Mentz RJ. Hyperkalemia in Heart Failure: Probably Not O"K". J Am Heart Assoc. 2018;7(11). Epub 2018/05/24. doi: 10.1161/JAHA.118.009429. PubMed PMID: 29789333; PMCID: PMC6015362. |
| 9. | **Grodin JL.** Hemodynamically, the kidney is at the heart of cardiorenal syndrome. Cleve Clin J Med. 2018;85(3):240-2. Epub 2018/03/10. doi: 10.3949/ccjm.85a.17126. PubMed PMID: 29522386. |
| 10. | Cheeran D, Morlend R, and **Grodin JL**. Contemporary Heart Transplantation, Chapter "Malignancy After Transplant," in press. |
| 11. | Lawlor B and **Grodin JL.** Cardiorenal Syndrome in Heart Failure, Chapter "Hepatorenal Dysfunction in Advanced Heart Failure," in press. |
| 12. | **Grodin JL,** Tang WHW. Driving with the headlights on: Measuring adequate urinary sodium excretion on the road to precision diuresis. Am Heart J. 2018;203:93-4. Epub 2018/07/08. doi: 10.1016/j.ahj.2018.05.002. PubMed PMID: 29980250. |
| 13. | **Grodin JL**, Tang WHW. I will take my heart failure 'lactate-free' please. Eur J Heart Fail. 2018;20(6):1019-20. Epub 2018/04/11. doi: 10.1002/ejhf.1190. PubMed PMID: 29635881. |
| 14. | **Grodin JL**, Drazner MH. Lung Ultrasound: Our New "Sixth Sense"? JACC Heart Fail. 2019;7(10):859-61. Epub 2019/10/05. doi: 10.1016/j.jchf.2019.08.006. PubMed PMID: 31582108. |
| 15. | **Grodin JL**, Maurer MS. The Truth Is Unfolding About Transthyretin Cardiac Amyloidosis. Circulation. 2019;140(1):27-30. Epub 2019/09/25. doi: 10.1161/CIRCULATIONAHA.119.041015. PubMed PMID: 31549879; PMCID: PMC6761830. |
| 16. | **Grodin JL**, Rao A, Zaha VG. Myocardial dysfunction in breast cancer survivors: 'you can observe a lot by just watching'. Eur J Heart Fail. 2020;22(2):347-9. Epub 2019/12/22. doi: 10.1002/ejhf.1711. PubMed PMID: 31863523. |
| 17. | **Grodin JL**, Tang WHW. Sodium-Glucose Cotransporter-2 Inhibitors and Loop Diuretics for Heart Failure: Priming the Natriuretic and Metabolic Reserve of the Kidney. Circulation. 2020;142(11):1055-8. Epub 2020/09/15. doi: 10.1161/CIRCULATIONAHA.120.048057. PubMed PMID: 32924569; PMCID: PMC7495489. |
| 18. | Hendren NS, **Grodin JL**, Drazner MH. Unique Patterns of Cardiovascular Involvement in Coronavirus Disease-2019. J Card Fail. 2020;26(6):466-9. Epub 2020/05/18. doi: 10.1016/j.cardfail.2020.05.006. PubMed PMID: 32417379; PMCID: PMC7224644. |
| 19. | Hendren NS, Roth LR, **Grodin JL**. Disease-Specific Biomarkers in Transthyretin Cardiac Amyloidosis. Curr Heart Fail Rep. 2020;17(3):77-83. Epub 2020/05/02. doi: 10.1007/s11897-020-00457-z. PubMed PMID: 32356182. |
| 20. | Vasquez N, Carter S, **Grodin JL**. Angiotensin Receptor-Neprilysin Inhibitors and the Natriuretic Peptide Axis. Curr Heart Fail Rep. 2020;17(3):67-76. Epub 2020/05/13. doi: 10.1007/s11897-020-00458-y. PubMed PMID: 32394149. |
| 21. | Roehm B, **Grodin JL**. Left Ventricular Assist Device Implantation and Kidney Function: Chicken, Egg, or Omelet? Kidney Med. 2021;3(3):324-6. Epub 2021/06/18. doi: 10.1016/j.xkme.2021.04.003. PubMed PMID: 34138988; PMCID: PMC8178522. |
| 22. | Hendren NS, Carter S, **Grodin JL**. Severe COVID-19 vaccine associated myocarditis: Zebra or unicorn? Int J Cardiol. 2021. Epub 2021/09/25. doi: 10.1016/j.ijcard.2021.09.036. PubMed PMID: 34560165. |
| 23. | Griffin JM, Rosenthal JL, **Grodin JL**, Maurer MS, Grogan M, Cheng RK. ATTR Amyloidosis: Current and Emerging Management Strategies: JACC: CardioOncology State-of-the-Art Review. JACC CardioOncol. 2021;3(4):488-505. Epub 2021/11/04. doi: 10.1016/j.jaccao.2021.06.006. PubMed PMID: 34729521; PMCID: PMC8543085 |
| 24. | **Grodin JL**, Anderson LD, Jr., Kansagra A. Continued Refinement of the Treatment for Light-Chain Cardiac Amyloidosis. Circulation. 2022;145(1):18-20. Epub 2021/12/30. doi: 10.1161/CIRCULATIONAHA.121.057538. PubMed PMID: 34965166. |
| 25. | Carter S, Hendren NS, **Grodin JL**. Sodium-glucose cotransporter 2 inhibition, uric acid, and heart failure: correlation without causation? Eur J Heart Fail. 2022. Epub 2022/04/30. doi: 10.1002/ejhf.2516. PubMed PMID: 35485178. |
| 26. | Hood CJ, Hendren NS, Pedretti R, Roth LR, Saelices L, **Grodin JL**. Update on Disease-Specific Biomarkers in Transthyretin Cardiac Amyloidosis. Curr Heart Fail Rep. 2022. Epub 2022/08/06. doi: 10.1007/s11897-022-00570-1. PubMed PMID: 35930129. |
| 27. | **Grodin JL**, Tang WHW, Hardin EA. Natriuretic Peptides: Do They Inform the Potential for Treatment Response in HFpEF? JACC Heart Fail. 2022;10(12):914-7. Epub 2022/12/02. doi: 10.1016/j.jchf.2022.10.001. PubMed PMID: 36456064. |
| 28. | Wees I, Hendren NS, Kaur G, Roth LR, **Grodin JL**. Natriuretic Peptides and Cardiac Troponins: Markers of Disease Progression and Risk in Light Chain Cardiac Amyloidosis. Curr Heart Fail Rep. 2023. Epub 2023/07/10. doi: 10.1007/s11897-023-00616-y. PubMed PMID: 37428428. |

**Books/Textbooks**

|  |  |
| --- | --- |
| 1.  | Faulx, Michael and Toy, Eugene. Case Files in Cardiology. McGraw-Hill Education. 2015. Print. |
| 2. | Chatterjee. Cardiology: An Illustrated Textbook. Jaypee Brothers Medical Publishers. 2016 Pending publication. |

 **Case Reports**

|  |  |
| --- | --- |
| 1. | **Grodin JL**, Wu KS, Kitchell EE, Le J, Mishkin JD, Drazner MH, Markham DW. Respiratory syncytial virus pneumonia treated with lower-dose palivizumab in a heart transplant recipient. Case Rep Cardiol. 2012;2012:723407. Epub 2012/01/01. doi: 10.1155/2012/723407. PubMed PMID: 24826271; PMCID: PMC4008357. |
| 2. | Ajufo E, Kansagra A, Torrealba J, **Grodin JL**. Uncommon Disease in a Rare Location: The Mystery of the Rapidly Progressive Cardiomyopathy. Circulation. 2020;142(16):1591-5. Epub 2020/10/20. doi: 10.1161/CIRCULATIONAHA.120.048323. PubMed PMID: 33074757. |
| 3. | Muthukumar A, Narasimhan M, Li QZ, Mahimainathan L, Hitto I, Fuda F, Batra K, Jiang X, Zhu C, Schoggins J, Cutrell JB, Croft CL, Khera A, Drazner MH, **Grodin JL**, Greenberg BM, Mammen PPA, Morrison SJ, de Lemos JA. In-Depth Evaluation of a Case of Presumed Myocarditis After the Second Dose of COVID-19 mRNA Vaccine. Circulation. 2021;144(6):487-98. Epub 2021/06/17. doi: 10.1161/CIRCULATIONAHA.121.056038. PubMed PMID: 34133883; PMCID: PMC8340727. |

**Letters to the Editor**

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| --- | --- |
|  | **Grodin JL**, Testani JM, Tang WHW. Reply: Hypochloremia in Acute Decompensated Heart Failure. J Am Coll Cardiol. 2015;66(23):2683-4. Epub 2015/12/17. doi: 10.1016/j.jacc.2015.09.081. PubMed PMID: 26670074. |
|  | Hendren NS, de Lemos JA, **Grodin JL**. Response by Hendren et al to Letter Regarding Article, "Association of Body Mass Index and Age With Morbidity and Mortality in Patients Hospitalized With COVID-19: Results From the American Heart Association COVID-19 Cardiovascular Disease Registry". Circulation. 2021;144(1):e8-e9. Epub 2021/07/07. doi: 10.1161/CIRCULATIONAHA.121.054556. PubMed PMID: 34228477; PMCID: PMC8247543. |

**Proceedings of Meetings**

 None

**Clinical Practice Guidelines**

 None

 **Non-peer reviewed scientific or medical publications/materials in print or other media**

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| --- | --- |
| 1. | **Grodin JL**, Tang WH. Prognostic Role of Cardiac Troponin in Heart Failure. http:/Biomarkers.Cardiosource.org. July 25, 2013. Accessed [October 2, 2013], [http://biomarkers.cardiosource.org/Hot-Topics/2013/07/Prognostic-Role-of-Cardiac Troponin-in-Heart-Failure.aspx](http://biomarkers.cardiosource.org/Hot-Topics/2013/07/Prognostic-Role-of-Cardiac%20Troponin-in-Heart-Failure.aspx).  |