

Albert Yurvati, DO, PhD
Texas College of Osteopathic Medicine
Medical Education
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Area of Expertise

Dr. Yurvati and his research partner, Robert Mallet, are actively involved in several research projects, including a study designed to examine the role of pyruvate and erythropoietin as potential therapeutic agents for preventing brain damage during CPR using a pig model. Dr. Yurvati also conducts research internationally in conjunction with the University of Strathclyde's Department of Biomedical Engineering in Glasgow.

Qualifications

DO, UNT Health Science Center
PhD in Organizational Leadership, Northcentral University
BS in Health Science, California State University Los Angeles

Recent Publications

Inline flow sensor for ventriculoperitoneal shunts: Experimental evaluation in swine

Qin, C., Yurvati, A., Williams, A. G., Eskildsen, D., Mallet, R. T. & Dasgupta, P. K., 1 May 2019, In : Medical Engineering and Physics. 67, p. 66-72 7 p.

A prospective, single-blind, randomized, phase III study to evaluate the safety and efficacy of Fibrin Sealant Grifols as an adjunct to hemostasis compared with manual compression in vascular surgery

investigators of the Fibrin Sealant Grifols in Vascular Surgery Clinical Investigation Study Group, 1 Jan 2019, In : Journal of Vascular Surgery.

Pyruvate-enriched resuscitation for shock

Mallet, R. T., Yurvati, A. & Bünger, R., 1 May 2018, In : Experimental Biology and Medicine. 243, 8, p. 663-664 2 p.

Pyruvate enhancement of cardiac performance: Cellular mechanisms and clinical application

Mallet, R. T., Yurvati, A. & Bünger, R., 1 Jan 2018, In : Experimental Biology and Medicine. 243, 2, p. 198-210 13 p.

Xiphodynia surgical management

Yurvati, A., 1 Sep 2017, In : International Surgery. 102, 9-10, p. 412-416 5 p.

Aerobic exercise training improves orthostatic tolerance in aging humans

Xu, D., Wang, H., Chen, S., Ross, S. E., Liu, H., Yurvati, A., Raven, P. B. & Shi, X., 1 Jan 2017, In : Medicine and Science in Sports and Exercise. 49, 4, p. 728-735 8 p.

Clinical predictors of recurrent stenosis and need for re-intervention in the cephalic arch in patients with brachiocephalic AV fistulas

Balamuthusamy, S., Reddi, A. L., Madhrira, M. H., Sankarapandian, B., Nguyen, P., Vallurupalli, A., Gabbard, W., Jalandhara, N. & Yurvati, A., 1 Jan 2017, In : Journal of Vascular Access. 18, 4, p. 319-324 6 p.

Programmatic approach to increasing osteopathic medical student participation in research: The TCOM experience

Smith-Barbaro, P. & Yurvati, A., 1 Nov 2016, In : Journal of the American Osteopathic Association. 116, 11, p. 747-752 6 p.

Requirements for certification in surgery: A comparison of the American board of surgery and the American osteopathic board of surgery

Termuhlen, P. M., Yurvati, A. & Stella, J. J., 1 Oct 2016, In : Journal of the American Osteopathic Association. 116, 10, p. 676-682 7 p.

Pyruvate stabilizes electrocardiographic and hemodynamic function in pigs recovering from cardiac arrest
Cherry, B. H., Nguyen, A. Q., Hollrah, R. A., Williams, A. G., Hoxha, B., Yurvati, A. & Mallet, R. T., 1 Dec 2015, In :
Experimental Biology and Medicine. 240, 12, p. 1774-1784 11 p.

Sponsored Projects

An Implantable In-line Shunt Flow Monitor for Hydrocephalus Treatment

Yurvati, A.
Intramural Research(TxMRC)
1/07/15 → 30/06/16

A Novel Approach for Improving Cerebral Tissue Blood Flow and Oxygenation via Pulsatile Perfusion Therapy

Rickards, C. & Yurvati, A.
American Heart Association
1/07/17 → 30/06/19

Anti-Inflammatory Effects of Pyruvate - Fortified Resuscitation in Pulmonary Tissue During Hypoxia with TCOM Student Charla Baker

Yurvati, A.
Intramural Research(UNTHSC)
1/09/13 → 31/08/14

A Phase 3 Randomized, Double Blind, Vehicle Controlled Study Investigating the Safety and Efficacy of HP802-247 in the Treatment of Venous Leg Ulcers > 12 cm² to < 36 cm².

Yurvati, A.
Smith and Nephew
28/02/13 → 1/03/16

A Phase 3, Randomized, Single-blind, Controlled Trial of Topical Fibrocaps in Intraoperative Surgical Hemostasis

Yurvati, A.
ProFibrix
1/05/12 → 31/08/15

A Propsective, Single-blind, Randomized, Phase III Study to Evaluate the Safety and Efficacy of Fibrin Sealant Grifols (FS Grifols) as an Adjunct to Hemostasis during Peripheral Vascular Surgery

Yurvati, A.
Grifols, Inc
18/02/15 → 28/02/20

A Prospective, Randomized, Controlled Study to Evaluate the Effectiveness and Safety of CELSTAT as an Adjunct to Hemostasis for Tissue Bleeding in Cardiothoracic, General and Vascular Surgery

Yurvati, A.
Baxter Healthcare Corporation
8/08/16 → 7/08/21

A Prospective, Randomized, Double-blind, Phase II Study to Evaluate the Safety and Efficacy of Topical Thrombin (Human) Grifols as an Adjunct to Hemostasis during Vascular, Parenchymous, Soft Tissue, and Spinal Open Surgeries

Yurvati, A.
Grifols, Inc
2/05/14 → 31/05/19

A Prospective, Single Arm, Open-Label Phase 2 Study to Characterize the Safety and Hemostatic Actifity of Topical Firocaps in Surgical Hemostasis

Yurvati, A.
ProFibrix
6/07/10 → 31/08/13

Cardioprotective Mechanisms of Intermittent, Normobaric Hypoxia (For: Yang Jiang)

Mallet, R. & Yurvati, A.
Intramural Research(UNTHSC)
1/06/16 → 31/05/17

ChemoFx Pro, a Post-Market Data Collection Study of Physician Reported Outcomes

Yurvati, A.
Precision Therapeutics
21/02/11 → 31/03/15

Chronic Lower Extremity Heating for the Treatment of Hypertension in Older Women

Romero, S. & Yurvati, A.
University of Texas Southwestern Med
1/03/19 → 31/12/23

Differential Effects of Cardiac Arrest on Right vs Left Ventricular Metabolism

Yurvati, A.
Intramural Research(UNTHSC)
1/10/14 → 30/09/15

Novel Split Chest Drain Improves Post Surgical Thoracic Drainage

Yurvati, A. & Mallet, R.
Intramural Research(UNTHSC)
15/01/12 → 14/01/13

Pyruvate-enriched Resuscitation to Reduce Inflammation and Free Radical Production During Simulated Hemorrhage

Rickards, C., Yurvati, A. & Mallet, R.
William & Ella Owens Med Research Foun
1/06/17 → 31/12/17

Pyruvate: Powerful Brain Protection after Cardiac Arrest

Mallet, R., Yurvati, A., Yurvati, A., Simecka, J. & Yang, S.
NINDS: Neurological Disorders & Stroke
1/08/11 → 31/07/15

Renal Effects of Prolonged CPR (For: Imran Qureshi)

Yurvati, A.
Intramural Research(UNTHSC)
5/06/17 → 31/05/18

Structural Properties of Reinforced Split Pleural Drain (For: Jason Gnasigamany)

Yurvati, A.
Intramural Research(UNTHSC)
1/06/16 → 31/05/17

Trial of MarrowStim PAD Kit for the Treatment of Critical Limb Ischemia (CLI) in Subjects with Severe Peripheral Arterial Disease (PAD), IDE Number BB-IDE-13996 ("Device")

Yurvati, A.
Biomet Biologics
1/12/10 → 31/01/14