

Curriculum Vitae

Kenny Richard Sinervo, M.D., M.Sc., F.R.C.S.C., A.C.G.E., Medical Director The Center for Endometriosis Care | Kenny R. Sinervo M.D., M.Sc., LLC Telephone: (770) 913-0001 Fax: (770) 913-0005

PERSONAL INFORMATION

Place of Birth: Thunder Bay (formerly Port Arthur), Ontario, Canada

Year of Birth: 1965

EDUCATION & POSTDOCTORAL TRAINING

University of Western Ontario

London, Ontario, Canada 1984-1988 (Honors-Psychology)

University of Western Ontario

London, Ontario, Canada 1988-1989 (Special Student Year-Physiology)

University of Western Ontario

London, Ontario, Canada 1989-1993 (M.Sc. Fetal Physiology)

Thesis: Effect of Ethanol on Prostaglandin E2 Production in the Ovine Fetus

University of Toronto

Toronto, Ontario, Canada 1991-1995 (M.D.)

University of Calgary, Calgary, Alberta, Canada

July 1995-June 2000

Resident, Department of Obstetrics & Gynecology

APPOINTMENTS

- Medical Director, Center for Endometriosis Care
- Chairman, AAGL Endometriosis & Reproductive Surgery Special Interest Group (2016-2017)
- Vice Chairman, AAGL Endometriosis & Reproductive Surgery Special Interest Group (2015-2016)
- Standards Committee for the Center of Excellence in Minimally Invasive Gynecology/COEMIG (2013)
- CITI-certified Physician Director/Research Co-Investigator Present
- Principal Investigator, EndoDIAG Study [Protocol 2017-A01445-48] Present

LICENSURE & CERTIFICATION

- Fellow, Royal College of Physicians & Surgeons of Canada (FRCSC), Specialist in Obstetrics & Gynecology, June 30, 2000
- AAGL/SRS Fellowship in Advanced Endoscopic Surgery, 07/2000-07/2001
- Preceptor Dr. Thomas Lyons. Advanced training in Minimally Invasive Gynecologic Surgery including Excision of Endometriosis and Laparoscopic Hysterectomy
- Licentiate of the Medical Council of Canada

- State of Georgia, Georgia Medical Board Physician
- American Board of Obstetrics & Gynecology Board Eligible (completed Part I of ABOG Fellowship Exams), June 26, 2000
- Junior Fellow, American College of Obstetrics & Gynecology

HONORS & AWARDS

- Ontario Scholarship 1984
- Colonel Leonard Ibbotson Entrance Scholarship-Huron College, 1984
- University of Western Ontario Entrance Scholarship (declined), 1984
- Huron College Upperclassman Scholarship, 1986
- Graduate Teaching Assistant (GTA), 1989/1990
- University of Western Ontario Department of Obstetrics & Gynecology Research Day Award, 1990
- University of Western Ontario Department of Obstetrics & Gynecology Research Day Award, 1991
- Ontario Graduate Scholarship, 1991
- Medical Research Council of Canada Scholarship (declined), 1991
- University of Toronto Faculty of Medicine Honors Standing, 1991-1995
- University of Toronto Faculty of Medicine Dr. Fred Douglas Memorial Award for Outstanding Achievement in Medicine
- Society of Obstetricians & Gynaecologists of Canada, Resident Reporter Program, Annual Meeting, Victoria, BC, 1998
- AOBGYN's "Top Obstetricians & Gynecologists from around the World", IAOBGYN & Vitals.com "Top Doctor", "Top 10 Doctors", "Most Compassionate Physician", "Best in Atlanta" and "Patient's Choice" honors, 5 consecutive years in a row (a distinction earned by less than 1% of all physicians in the United States of America), "Top Doctor, 2017," "Top Doctor, 2018," "Patient's Choice, 2019," "Best Women's Practice-Sandy Springs," 2021

MEMBERSHIPS & AFFILIATIONS

- Demonstrator, Department of Physiology, University of Western Ontario, 1989-1991
- Teaching Assistant, Department of Anatomy, University of Toronto, 1992
- Member, Society of Obstetricians & Gynecology of Canada
- Member, AAGL
- Member, AAGL Endometriosis SIG
- Member, AAGL Nominations Committee
- Member, AAGL Coding Committee
- Member, AAGL Scientific Research Committee
- Member, AAGL Abstracts Review Committee
- Member, AAGL Research Committee Member (2010-2011)
- Member, Hystersisters Advisory Council
- Member, Endometriosis Research Center Advisory Network
- Member, American Society of Reproductive Medicine
- Member, European Society of Embryology and Human Reproduction
- Member, World Endometriosis Society
- Member, Medical Association of Georgia
- Member, Georgia OB/GYN Society

PRECEPTOR

Advanced Gynecologic Minimally Invasive Fellowships

- Dr. Deidre Fisher April 2006-December 2006
- Dr. Patrick Yeung July 2008-October 2008
- Dr. Isabel Green June 2009-July 2009
- Dr. Saba Baig June 2010-June 2011
- Dr. Karanvir Virk July 2011-June 2012
- Dr. Nicholas Kongoasa July 2013-April 2014
- Dr. Soorena Fatehchehr June 2014-October 2015
- Dr. Tatnai Burnett, June 2015-July 2015
- Dr. Jessica Opoku-Anane, May 2015-June 2015
- Dr. Zaraq Khan, July 2016-October 2016
- Dr. Jose Eugenio-Colon, May-August 2017
- Dr. Kenneth Barron, August 2017-November 2017
- Dr. Udele Tagoe, January 2018-April 2018
- Dr. Catalina Vanegas Ortiz July 2018-September 2018 (Observership)
- Morgan Brooke Littleton, August 2019-November 2019 (UNG Family Nurse Practitioner Student Preceptor, N7105/38 hours)
- 5th Annual Visiting Professor, University of Calgary & Alberta Health Services, British Columbia, 2015
- Featured subject matter expert, Endo What? & Below the Belt Documentary Films
- Featured subject matter expert, Ivanhoe Broadcast News, "Ending Endometriosis"

CONSULTANT

- Gyrus Medical Products
- Preceptor for Laparoscopic Supracervical Hysterectomy Courses 2005-2006
- Gynecare and Ethicon Endo
- Preceptor for Laparoscopic Supracervical Hysterectomy Courses 2006-2011
- Covidien
- Preceptor for Laparoscopic Supracervical Hysterectomy Courses & Speaker Bureau 2008-2011
- Lumenis Courses & Speaker Bureau 2009-2015/Consultant
- MiMedx (non-shareholder) 2014-2015

ABSTRACTS

- Sinervo KR, Smith CN, Brien JF and Patrick J. The effect of ethanol on the release of prostaglandins from fetal lamb brain tissue in vitro. The 5th Congress of the International Society for Biomedical research on Alcoholism and Research Society on Alcoholism. Toronto, Ontario, June 17-22, 1990.
- Smith CN, Sinervo KR, Brien JF, Carmichael L, Patrick J, Backing AD. The effect of indomethacin on the ethanol-induced suppression of fetal breathing movements in the ovine fetus. The meeting of the Society for the Study of Fetal Physiology. Pacific Crave, California, August 21-24, 1990.
- Sinervo KR, Smith CN, Brien JF, Patrick J. The development of the ethanol-induced release of prostaglandins from ovine brain stem tissue in vitro. The meeting of the Society for the Study of Fetal Physiology. Pacific Grove, California, August 21-24, 1990.
- Sinervo KR, Smith CN, Brien JP, Patrick J. The development of the ethanol-induced release of prostaglandins from ovine brain stem tissue in vitro. The John Elgin Patrick Memorial Symposium, London, Ontario, September 18-19, 1990.

- Sinervo KR., Smith CN, Brien JF, Patrick J, Backing AD. Developmental changes in the ethanol- induced efflux of prostaglandins from ovine fetal brain stem tissue in vitro. The 14th Annual Ontario-Quebec Perinatal Investigators Meeting, Kingston, Ontario, November 22-24, 1991.
- Sinervo KR, Smith CN, Brien JF, Patrick J, Backing AD. Efflux of prostaglandins from the brain stern of the ovine fetus in vitro: Ontogeny and effect of acute ethanol-exposure. The 34th Annual Meeting of the Canadian Federation of Biological Sciences, Kingston, Ontario, June 9-11, 1991.
- Smith CN, Sinervo KD, Brien J, Carmichael L, Backing AD. Effects of maternal ethanol infusion on the young ovine fetus.
- The 15th Annual Ontario-Quebec Perinatal Investigators Meeting, Kingston, Ontario, November, 1991.

 Backing, AD, Sinervo KR, Smith CN, Carmichael L, Challis JRC, Olson D, Brien JF. Uteroplacental production of prostaglandin E2 during maternal ethanol infusion in pregnant sheep. The Annual Meeting of Canadian Investigators in Reproduction, Vancouver, B.C., June, 1992.
- Brien JF, Backing AD, Sinervo KR, Smith CN, Carmichael L, Abdallah S. Ethanol and ovine fetal breathing movements, fetal prostaglandin E2 and myometrial activity. The Research Society on Alcoholism Scientific Conference, San Antonio, Texas, June, 1993.
- Sinervo, KR, Lange I. Maternal and neonatal outcome following single versus multiple courses of corticosteroids. The 20th Annual Meeting of the Society of Maternal-Fetal Medicine. Jan 31, 2000-Feb 5, 2000, Miami, FL.

PUBLICATIONS

- Smith GN, Patrick JR, KR Sinervo, Brien JF. (1991) Effects of ethanol on the developing embryo I fetus: Experimental considerations, mechanisms and the role of prostaglandins. Canadian Journal of Physiology and Pharmacology, 69:550-569.
- Smith GN, KR Sinervo, Carmichael L, Booking AD, Patrick J, Brien JF. (1991) The effects of indomethacin and prostaglandin E2 on the ethanol-induced suppression of ovine fetal breathing movements. Journal of Developmental Physiology, 16: 239-242.
- Sinervo KR, Smith GN, Booking AD, Patrick J, Brien JF. (1992) Effect of ethanol on the release of prostaglandins in the ovine fetal brain stem during gestation. Alcoholism: Clinical and Experimental Research, 16: 443-448.
- Bocking AD, Sinervo KR, Smith GN, Carmichael I, Challis JRG, Olson DM, Brien JF. (1993) Increased uteroplacental production of prostaglandin E2 during maternal ethanol infusion. American Journal of Physiology, 265: R640-R645.
- Bocking AD, Carmichael T, Abdollah S, Sinervo KR, Smith GN, Brien JF. (1994). Effect of ethanol on immature ovine fetal breathing movements, prostaglandin E2 and myometrial activity. American Journal of Physiology, 266: RI297-R1301.
- Sinervo KR, O'Keane J. (1998). Depo-Provera: Experience to date. Journal SOGC, Supplement, January 1998, 16-23.
- Sinervo KR, Martyn P. (2000). Endometrial Stromal Sarcoma diagnosed following hysteroscopic endometrial resection. AAGL Journal. May, 2000.
- Albee RB Jr, Sinervo KR, Fisher, D. (2008) Laparoscopic Excision of Lesions Suggestive of Endometriosis or Otherwise Atypical in Appearance: Correlation Between Visual Findings and Final Histologic Diagnosis. Journal of Minimally Invasive Gynecology, 15(1): 32-37.
- Yeung, P Jr., Sinervo KR, Winer W, Albee, RB Jr. Complete laparoscopic excision of endometriosis in teenagers: Is hormonal suppression necessary? Fertil Steril. 2011 May;95(6):1909-12.
- Yeung P Jr., Gusovsky O, Agnelli R, Peavey M, Tu F, Bajzak K, Lamvu G, Winer W, Albee RB Jr, Sinervo KR. A Multi-Center Cohort Study of Patients After Excision of Endometriosis: Do We Need Another Randomized Comparative Trial of Excision Versus Ablation?
- Kongoasa N, Sinervo KR, Guidone H, Albee RB Jr. How Effective Is Laparoscopic Supracervical Hysterectomy in Treating Adenomyosis? Journal of Minimally Invasive Gynecology 21(6):S127. October 2014.

- Kongoasa N, Sinervo KR, Guidone H, Albee RB Jr. Clinical, Surgical & Quality of Life Outcomes Following Laparoscopic Excision of Endometriosis & Bowel Resection for Invasive Bowel Endometriosis. Journal of Minimally Invasive Gynecology 21(6):S38 Oct 2014.
- The Case for Surgery for Endometriosis. Contemporary OB/GYN. November 2015.
- "Diaphragmatic Endometriosis," AAGL NewsScope Magazine. Vol. 31 No 1 January—March 2017.
- Author, foreword, "Living with Endometriosis" by Samantha Bowick, MPH.
- Sinervo KR, Vanegas Ortiz C, Gouldman JW. Thoracic Endometriosis, an Underdiagnosed Condition: An Eleven Year Experience at a Tertiary Referral Center. [2018; in Process]

PRESENTATIONS (NOT AN EXHAUSTIVE LIST)

- Sinervo KR. Prostaglandins may mediate the effects of ethanol on the sheep fetus. Lawson Research. Institute Seminar Series. London, Ontario, December 8, 1989.
- Sinervo, KR, Smith GN, Brien JF, Patrick J. The effect of ethanol on the release of prostaglandins from fetal lamb brain tissue in vitro. University of Western Ontario Department of Obstetrics and Gynecology Research Day. London, May 2, 1990.
- Sinervo KR, Smith GN, Brien JF, Patrick J, Backing AD. The development of the ethanol induced release of prostaglandins from ovine brain stem tissue in vitro. The Sister Mary Doyle Research Day, St. Joseph's Hospital, London, Ontario, September 17, 1990.
- Sinervo, KR. Prostaglandin efflux from ovine fetal brain stem in vitro: Ontogeny and the effects of ethanol.

 University of Western Ontario Department of Obstetrics and Gynecology Research Day. London,
 Ontario, Canada, May, 1991.
- Society of Obstetricians & Gynaecologists of Canada, Menopause Awareness Public Forums, 1998.
- Sinervo KR, Albee RB Jr. Long-term Follow-up of Endometriosis Patients Following Excision-Fertility. AAGL Annual Meeting, November, 2003.
- Sinervo KR, Albee RB Jr. Long-term Follow-up of Surgically Treated Endometriosis Patients. AAGL Annual Meeting, Las Vegas, November, 2003.
- Albee RB Jr., Sinervo KR, Fisher DT. Laparoscopic Excision of Lesions Suggestive of Endometriosis or Otherwise Atypical in Appearance: Correlation Between Visual Findings and Final Histologic Diagnosis. Global Congress of Minimally Invasive Gynecology/35th Annual Meeting of the AAGL. Las Vegas, November, 2006.
- Sinervo KR, Albee RB Jr. Bladeless Laparoscopy: A Multi-Centered, Cross-Disciplinary Prospective Study of a New Bladeless Laparoscopic Port. Global Congress of Minimally Invasive Gynecology/351h Annual Meeting of the AAGL. Las Vegas, November, 2006.
- Faculty presenter, Toronto Endometriosis Network Annual Educational Symposium, 2013-2014.
- Fatetcher S, Sinervo KR. Resection of Diaphragmatic Endometriosis Presenting With Full Thickness Fenestrations. 44th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Las Vegas, NV, November 15-19, 2015.
- Fatetcher S, Sinervo KR. Multidisciplinary Approach for Resection of Diaphragmatic Endometriosis with Perihepatic adhesions. 44th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Las Vegas, NV, November 15-19, 2015.
- Fatetcher S, Sinervo KR. Rectosigmoid Segmental Resection and Reanastamosis for Invasive Endometriosis.

 44th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Las Vegas, NV,
 November 15-19, 2015. 44th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting,
 Las Vegas, NV, November 15-19, 2015.
- Fatetcher S, Sinervo KR. Small Bowel Segmental Resection and Reanastomosis With Appendectomy for Invasive Endometriosis. 44th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Las Vegas, NV, November 15-19, 2015.

- Fatetcher S, Sinervo KR. CO2 Laser Shaving Technique for Resection of Rectosigmoid Endometriosis. 44th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Las Vegas, NV, November 15-19, 2015.
- Presenting Faculty, AAGL Post Graduate Course, Surgical Management of Endometriosis, 45th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Orlando, FL, 2016.
- Presenting Faculty, 13th World Congress on Endometriosis, Vancouver, Canada 2017.
- Chair & Presenting Faculty, AAGL Post Graduate Course, Surgical Management of Endometriosis, 46th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Baltimore, MD 2017.
- Presenting Faculty, 47th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Las Vegas, NV, 2018.
- Presenting Faculty, 48th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Vancouver, Canada, 2019.
- Presenting Faculty, 49th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Virtual, 2020.
- Presenting Faculty, 50th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Austin, TX, 2021.
- Presenting Faculty, BSGE International Webinars on MIGS, 2021.

ADDITIONAL CONFERENCES & CME (NOT AN EXHAUSTIVE LIST)

- Society of Obstetricians & Gynaecologists of Canada, 1996 West/Central CME Program, Banff, AB, March 21-23, 1996.
- Society of Obstetricians & Gynaecologists of Canada, 1997 West/ Central CME Program, Banff, AB, March 22-24, 1997.
- AAGL Global Congress of Gynecologic Endoscopy 26th Annual Meeting, September 23-28, 1997, Seattle, Washington.
- AAGL Postgraduate Course Chronic Pelvic Pain and Endometriosis, September 24, 1997, Seattle, Washington. Society of Obstetricians & Gynaecologists of Canada, 1998 West / Central CME Program, Banff, AB, March 26-28, 1998.
- Society of Obstetricians & Gynaecologists of Canada, Annual Clinical Meeting, Victoria, BC, June 23-28, 1998.

 AAGL Global Congress of Gynecologic Endoscopy 27th Annual Meeting, November 12-15, 1998,

 Atlanta, GA.
- AAGL 8th Annual Comprehensive Workshop on Gynecologic Endoscopy for Residents, Fellows and O.R. Personnel, March 13-14, 1999, Dallas, TX.
- Society of Obstetricians & Gynaecologists of Canada, 1999 West / Central CME Programme, Banff, AB, March 25-27, 1999.
- The North American Menopause Society 10th Annual Meeting, September 23-25, 1999, New York, NY.
- The Osler Institute Obstetrics & Gynecology Board Review Course, November 1-6, 1999, Chicago, 11.
- AAGL Postgraduate Course Laparoscopic Hysterectomy: Techniques, Trouble, Problem Solving. November 8, 1999, Las Vegas, Nevada.
- AAGL Postgraduate Course Laparoscopic Treatment for Urinary Stress Incontinence & Pelvic Floor: Supporting Defects, November 8, 1999, Las Vegas, Nevada.
- AAGL Global Congress of Gynecologic Endoscopy 28th Annual Meeting, November 9-11, 1999, Las Vegas, Nevada.
- Society of Obstetricians & Gynaecologists of Canada, 2000 West / Central CME Programme, Banff, AB, March 23-25, 2000.
- Global Congress of Gynecologic Endoscopy AAGL 29th Annual Meeting, November 8-11,2000, Orlando, Florida.
- AAGL Postgraduate Course Laparoscopic Supracervical Hysterectomy, November 7, 2000, Orlando, Florida.

- AAGL Postgraduate Course Surgical Management of Advanced Endometriosis, November 7, 2000, Orlando, Florida.
- AAGL Global Congress of Gynecologic Endoscopy 30th Annual Meeting, November 15-17, 2001, San Francisco, California.
- AAGL Postgraduate Course Avoiding Surgical Pitfalls. November 14, 2001, San Francisco, California.
- AAGL Postgraduate Course Managing the Obliterated Cul-de-sac, November 14, 2001, San Francisco, California.
- World Congress on Endometriosis, February 24-27, 2002, San Diego, California.
- AAGL Global Congress of Gynecologic Endoscopy 31st Annual Meeting, November 20-24, 2002, Miami, Florida. AAGL Global Congress of Gynecologic Endoscopy 32nd Annual Meeting, November 19-22, 2003, Las Vegas, Nevada.
- AAGL Global Congress of Gynecologic Endoscopy 33rd Annual Meeting, November 10-13, 2004, San Francisco, California.
- AAGL Global Congress of Gynecologic Endoscopy 35th Annual Meeting, November 6-9, 2006, Las Vegas, Nevada.
- AAGL Postgraduate Course Endometriosis. November 6, 2006, Las Vegas, Nevada.
- AAGL Postgraduate Course Preserving Fertility in Complex Surgical Cases, November 6, 2006, Las Vegas, Nevada.
- AAGL Global Congress of Gynecologic Endoscopy 36th Annual Meeting, November 14-17, 2007, Washington, D.C.
- AAGL Global Congress of Gynecologic Endoscopy 37th Annual Meeting, October 28-November I, 2008, Las Vegas, Nevada (24 credit hours).
- Post Graduate Courses, AAGL 37th Annual Meeting, October 28-November 1, 2008, Las Vegas, Nevada-7.5 hours.
- Weekly review of literature and reading of articles from JMIG, JACOG, Obstetrics & Gynecology, Fertility & Sterility, etc.-100 hours annually.
- Research Coordinator for Multi-Center trial titled: A Multi-Center Cohort Study of Patients After Excision of Endometriosis: Do We Need Another Randomized Comparative Trial of Excision Versus Ablation? 50 hours.
- AAGL Research Committee Member 2010-2011 24 hours.
- AAGL Global Congress of Gynecologic Endoscopy 38th Annual Meeting 24 credit hours.
- Post Graduate Courses, AAGL 39th Annual Meeting, November 1-6, 2010, Las Vegas, Nevada 7.5 hours.
- 40th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, November 6-10, 2011, Hollywood, Florida 19.5 hours.
- Endometriosis Foundation of America Annual Meeting, March 11, 2013, NYC, NY Faculty.
- World Endometriosis Symposium, Atlanta, GA 1.0 AMA PRA Category 1 Credit, March 27-29, 2014.
- 43rd Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, November 17-21, 2014, Vancouver, British Columbia 19.5 hours.
- 44th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, November 15-19, 2015 Las Vegas, NV 25 hours.
- 45th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, November 15-19, 2015 Las Vegas, NV Co-Chair, Live Telesurgery Session III.
- 45th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting November 14-17, Orlando, FL 33.5 hours Selected as featured Live Telesurgery Surgeon.
- 46th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Baltimore, MD 2017 (PG Course Chair; SIG Chair; PG Course Faculty) 33.25 hours.
- 47th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Las Vegas, NV, 2018 (Course Faculty/Presenter: "Treatment of Severe Deeply Infiltrating Endometriosis & Fertility"; ERS SIG Immediate Past Chair; Congress Abstract Review Committee) 33.50 hours.

Accreditation Council for Continuing Medical Education (ACCME) – 6.5 AMA PRA Category 1 credits, 2019-2020.

48th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Vancouver, Canada, 2019 (Invited Faculty).

Endometriosis Summit Annual Meeting, 2020, Invited Faculty, Hoboken, NJ.

49th AAGL Virtual Global Congress on Minimally Invasive Gynecology, 2020 (Invited Faculty/Moderator)— 21.50 hours.

Endometriosis Summit Annual Virtual Meeting, 2021, Invited Faculty.

50th Global Congress of Minimally Invasive Gynecology/AAGL Annual Meeting, Austin, TX, 2021 (Course Presenter/Faculty: "Endometriosis 360º") – 21.50 hours.

Endometriosis Summit Annual Meeting, 2022, Invited Faculty, Orlando, FL.

Human Subjects Research Course, Certification Renewal, 2022; 3 AMA PRA Category 1 Credits™.