

LORI E. SHULTZ BS MT (ASCP)

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SUMMARY OF QUALIFICATIONS

- ASCP Board of Registry Medical Technologist Certification
- Nevada Laboratory General Supervisor License
- Intuitive, articulate communicator
- Strong scientific, analytical and organizational skills
- Excellent leadership and team player abilities
- Committed to lifetime learning and teaching

EDUCATION

University of Nevada - August 1998 Las Vegas, NV

Bachelor of Science - Clinical Laboratory Sciences

- UNLV Alumni Academic Scholarship Recipient

Angelo State University - 1992 - 1993, 1986 -1987 San Angelo, TX

- Carr Academic Scholarship Recipient

PROFESSIONAL EXPERIENCE

2008 - Present Nevada Fertility C.A.R.E.S. Las Vegas, NV

Laboratory General Supervisor, Embryologist, Medical Technologist I

- Responsible for operation of CAP-accredited andrology and endocrinology laboratories, with shared responsibility for embryology procedures with senior embryologist/lab director for solo physician-based practice performing 170+ cases annually. Independently perform fresh oocyte retrievals, insemination, fertilization assessment, culture of embryos to blastocyst stage, selection of embryos for transfer, transfer of embryos to recipient and vitrification, cryo/thaw of embryos. Ongoing training in intracytoplasmic sperm injection (ICSI), biopsy of embryo blastomeres for preimplantation genetic screening (PGS), and assisted hatching. Well-versed in communication with patients and physician regarding fertilization, embryo quality and selection of embryos for transfer and cryopreservation. Supervise andrology and endocrinology laboratories. Perform daily andrology procedures including complex semen analysis (trained in Kruger strict criteria and WHO), wash, preparation and cryopreservation of semen, TESE and MESA specimens for use in IVF. Responsible for maintenance of cryopreserved embryo and sperm inventory. Initiated the set-up and auto transfer of redundant storage of embryos and sperm to long-term cryo repository. Perform daily and on-call immunoassay testing using Siemens Immulite 1000. Conduct proficiency testing for

andrology, endocrinology/chemistry and embryology labs. Contact person for CAP, AAB, and the State of Nevada. Responsible for daily performance and review of quality control in embryology, andrology and endocrine labs and submission to Laboratory Director. Clinic Safety Officer and member of Quality Management Team; prepare and present clinic IVF pregnancy statistics. Negotiate, purchase and maintain consumable inventory for andrology, reproductive endocrinology and embryology labs. Compliance-trained in the packaging and shipping of Division 6.2 Infectious Materials.

2007 - 2008 San Angelo Community Medical Center San Angelo, TX

Supervisor, Medical Technologist I

- Provided supervision/resource for evening shift comprised of seven FTEs for 170-bed community hospital. Performed bench testing as a generalist rotating throughout all areas of the laboratory including blood bank, type and screen, cross-match of human cell products, antibody identification & selection of appropriate products for transfusion. Also performed testing in hematology, chemistry, special chemistry/serology, urinalysis, coagulation and limited microbiology. Performed quality control, maintenance and troubleshooting of automated analyzers.

2005 - 2007 San Angelo Community Medical Center San Angelo, TX

Medical Technologist I

- Performed bench testing as a generalist rotating throughout all areas of the laboratory including blood bank, type and screen, cross-match of human cell products, antibody identification & selection of appropriate products for transfusion. Also performed testing in hematology, chemistry, special chemistry/serology, urinalysis, coagulation and limited microbiology. Performed quality control, maintenance and troubleshooting of automated analyzers. Assisted in new instrument validation of Siemens/DPC Immulite 2000.

2004 - 2005 Quest Diagnostics Reference Lab - Burnham Las Vegas, NV

Medical Technologist II

- Special Chemistry/Competency Testing Department. Performed automated and manual tests including complex allergen panels, protein electrophoresis, ELISA, anti-cardiolipin and phosphatidyl antibodies, G6PD and other esoteric tests. Assisted in validation studies for expanded test menu for DPC/Siemens Immulite 2000 and BNII nephelometer.

2003 - 2004 San Angelo Community Medical Center San Angelo, TX

Medical Technologist II

- Conduct bench testing as a generalist rotating throughout all areas of the laboratory including blood bank, hematology, chemistry, special chemistry/serology, urinalysis, coagulation and limited

microbiology. Perform quality control, maintenance and troubleshooting of automated analyzers. Share venipuncture responsibilities for out-patients and in-patients of 170-bed Triad hospital. Special projects include development and implementation of Meditech computer-generated delta checks for key analytes.

2002 – 2003 Aurora BayCare Medical Center

Green Bay, WI

Lead Medical Technologist

- Oversee hiring, training, and evaluation of laboratory personnel for new infertility practice performing 100 in vitro fertilization (IVF) fresh cycles annually. Provided consultation in the development, layout and construction of clinic from inception. Under the direction of the Laboratory Director, supervise operation of andrology, reproductive endocrinology laboratories. Laboratory contact for CAP and CLIA accrediting agencies. Maintain consent documentation and donor records associated with long and short-term cryopreserved specimens. Responsible for the development of andrology and chemistry protocols, as directed by the Laboratory Director. Perform bench testing and therapeutic procedures including semen analyses, sperm washes, IVF sperm preps using routinely collected specimens, testicular biopsies and epididymal aspirations, semen cryopreservation, and chemistry analyses. Purchase and manage supply inventories for embryology, andrology and chemistry laboratories. Review quality control for instruments and manual testing. Oversee external proficiency testing and report results to CAP and AAB. Conduct monthly competency testing of testing personnel. Negotiate and secure supply contracts with vendors for equipment and consumables. Consult with patients regarding disposition of cryopreserved embryos and sperm in accordance with HIPPA. Developed color atlas of normal and abnormal sperm morphology according to Kruger strict criteria for distribution to in-house OB/GYNs utilizing Olympus digital camera/virtual microscopy system.

1999 – 2002 Nevada Fertility C.A.R.E.S.

Las Vegas, NV

IVF Technologist, Junior Embryologist

- Operation of CAP accredited andrology, embryology and chemistry laboratories. Manage hiring and training of andrology laboratory personnel. Report directly to Laboratory Director and assist with implementation and oversight of quality assurance program in accordance with CAP and CLIA requirements. Daily responsibilities include retrieval of human oocytes, cleaning, culture, scoring, and transfer of embryos to blastocyst stage for clinic performing 200-250 cycles annually. Experienced in preparation of IVF culture media using sterile technique. Cryopreservation and thaw of embryos and semen. On-going training in micromanipulation techniques including intracytoplasmic sperm injection (ICSI), assisted embryo hatching. Perform semen analyses utilizing Kruger strict criteria; sperm washes for intra-uterine insemination, and preparation of semen, TESE and MESA specimens for use in IVF. Counsel patients in the selection of embryos for transfer and in the use of donor sperm as directed by the medical and laboratory directors. Maintain sperm and embryo cryo storage, consent and donor records. Responsible for maintenance, analysis, and

submission of statistical data to NV state agency, SART, CDC, and cryobanks. Perform daily and on-call testing of patient hormone assays. Conduct chemistry, andrology and embryology proficiency testing. Perform mouse embryo bioassay (MEA) and routine quality control. Purchase and maintain andrology, embryology, and chemistry laboratory supply inventory and equipment. Responsible for income/expenditure analysis of andrology, embryology, and chemistry laboratories.

1998 - 1999 University of Nevada School of Medicine

Las Vegas, NV

Laboratory Technologist

- Perform semen analyses, sperm washes, sperm cryopreservation, patient counseling and scheduling for donor insemination for reproductive endocrinology and andrology laboratories. Maintain donor sperm inventory, and associated records. Maintain, analyze and submit statistical data regarding clinic success rates and pregnancy outcomes to NV state agency, SART, CDC, and cryobanks. Perform immunoassay testing and maintain laboratory records associated with quality control and instrument maintenance. Conduct chemistry and andrology proficiency testing. Report monthly to Laboratory Director.

PROFESSIONAL LICENSES/MEMBERSHIPS

State of Nevada Laboratory General Laboratory Supervisor License - #6933-TGS-2

American Society of Clinical Pathologists - #03869205 MT-210068