

FANNP NEWS



INSIDE: LETTER FROM THE PRESIDENT • POCKET NOTEBOOK: ADRENAL INSUFFICIENCY • BRAG BOARD • GRANT FUND • CONFERENCE UPDATES • EDUCATIONAL OPPORTUNITIES • KIM NOLAN AWARD AND FANNP SCHOLARSHIPS • FOOD FOR THOUGHT • BRING IT ON AND MORE...

The Publication of the Florida Association of Neonatal Nurse Practitioners

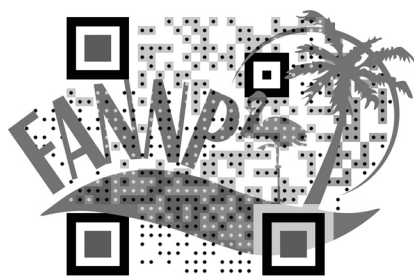
Conference Update

We are almost there!! I'm excited to see all who will be onsite and virtually "see" those streaming from home for the 34th NATIONAL NEONATAL NURSE PRACTITIONER SYMPOSIUM: CLINICAL UPDATE AND REVIEW. Dates are October 10-14, 2023, and once again we will be hosting our conference in beautiful Clearwater Beach. The conference will be hosted at the amazing Sheraton Sand Key, and additional rooms are available at the Sheraton's sister hotel, The Marriott, conveniently located just across the street.

Awaiting you this year will be another wonderful group of speakers; A Track, with advanced topics including many new thoughts and treatments to be considered, plus B Track, with many of our tried-and-true speakers and topics to help you with certification or as a great review!

Fun times will be had meeting colleagues, renewing friendships, and just

SEE "CONFERENCE" on page 3



Visit our website: fannp.org

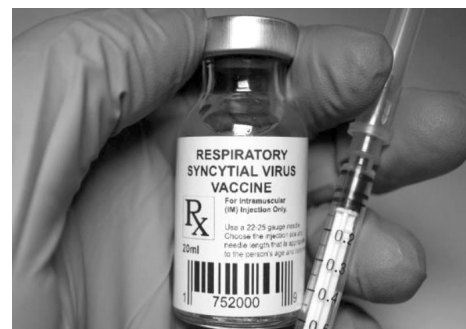
Food for Thought

New Treatment Options for RSV

Submitted by Christa Smith, MSN, NNP-BC

Respiratory Syncytial Virus (RSV) is typically a seasonal epidemic of acute respiratory illness in infants and children with varying degrees of severity from mild upper respiratory tract infections to severe disease resulting in bronchiolitis or pneumonia. RSV remains the leading cause of hospitalization among young children in the U.S. There have been many recent studies and advances in the preventative treatment of RSV. Below are a few new medications on the horizon that have made headlines recently:

- Nirsevimab (Beyfortus) developed by Sanofi and AstraZeneca
 - o RSV monoclonal antibody protection; binding site protein F
 - o Preventative shot, given IM once at beginning of RSV season and lasting for single Winter season
 - o Approved by FDA; July 2023
 - o Not limited to at risk population; may be used in healthy babies and some vulnerable toddlers up to age two
- Clesrovimab (MK-1654) developed by Merck
 - o Currently in Phase III Trials;



- o estimated completion date of 2026
- o RSV monoclonal antibody protection; binding site protein F
- o Given IM or IV
- RSVpreF (Abrysvo) developed by Pfizer
 - o RSV prevention in adults over 60
 - o Monoclonal antibody
 - o Approved by FDA for use in adults over 60; May 2023
 - o Maternal vaccine with passage of immunity to newborn via stimulation of serum anti-F immunoglobulin G
 - o Approved by FDA for use in pregnant women in August 2023; given at 32-36 weeks' gestation
- Abrevxy developed by GSK
 - o RSV prevention in adults over 60
 - o Monoclonal antibody
 - o Approved by FDA; May 2023

SEE "RSV OPTIONS" on page 2

Letter from the President

Hello FANNP members!

I hope that you have enjoyed your summer. If you need more beach time (who doesn't?!), we hope that you make plans to join us at our 34th National Neonatal Nurse Practitioner Symposium: Clinical Update and Review from October 10-14, 2023 in Clearwater Beach, FL! We will continue to offer our hybrid meeting with on-site, livestreaming and on-demand options. A limited number of in-person spots are available, so register today to secure your seat. Join us to hear expert faculty including nurse practitioners, educators and physicians provide insights into the latest trends in neonatal care.

Our Symposium offers several networking opportunities. Our casino-themed beach party includes music, dancing, celebrating with friends and meeting new colleagues. The Annual Business Meeting on Thursday morning is another opportunity to make new connections. In addition to a fabulous breakfast, FANNP members can learn more about the organization, our impact on our profession, and ways to be involved. The brunch is free for members (\$20 for non-members). Attend-

ees are eligible for fabulous door prizes! Thursday evening features our in-person Poster Session. This interactive session with our poster presenters allows participants to network and recognize our colleagues' work.

We at FANNP want to say "Congratulations" to all our summer MSN/DNP graduates and future colleagues! Once you pass your boards – please share on social media and tag us in your post. You can find us on Facebook (Florida Association of Neonatal Nurse Practitioners (FANNP)), Instagram (@fannporg), Twitter (@FANNPorg), or LinkedIn (Florida Association of Neonatal Nurse Practitioners).

While the deadline for scholarships for 2023 has now passed, we encourage you to apply in 2024. FANNP offers scholarships for members pursuing Master's or Doctorate degrees. Scholarships are awarded yearly at the FANNP symposium, and these monies can be used for tuition, books, or any expenses incurred while in school. In addition to scholarships, FANNP accepts applications for grant funds throughout the year. You can find out about these opportunities and



Colleen Reilly Moss

additional information on our website. FANNP is committed to supporting neonatal nurses and nurse practitioners as they achieve their professional goals. Mentors and preceptors— please encourage a student you know to apply!

Speaking of preceptors – the future of our profession depends on our experienced NNPs who share their expertise with a student. Without preceptors, universities are unable to graduate a robust number of new NNPs to replace our "seasoned" NNP colleagues. The need for experienced NNPs has prompted FANNP to begin developing a NNP preceptor

repository to connect willing preceptors with students in need of a clinical site. Remember your days as a NNP student and consider the patience and wisdom your preceptors shared with you. Precepting a student is one way to repay your preceptor for the amazing job she/he did. Consider giving back to our profession by joining the NNP preceptor repository.

I look forward to seeing everyone in October!

Colleen Moss, DNP, APRN,
NNP-BC
President, FANNP

RSV Options from page 1

References:

Abrysvo rsvpref RSV vaccine. Welcome to Precision Vaccinations. (2022, June 12). <https://www.precision-vaccinations.com/vaccines/abrysvo-rsvpref-rsv-vaccine>. Retrieved August 10, 2023.

Johnson, C. Y. (2023, July 17). First RSV antibody treatment to protect all infants approved in the U.S. The Washington Post. <https://www.washingtonpost.com/health/2023/07/17/first-rsv-antibody-treatment-protect-all-infants-approved-us/>. Retrieved August 10, 2023.

Verwey C, Madhi SA. Review and Update of Active and Passive Immunization Against Respiratory Syncytial Virus. *BioDrugs*. 2023 May;37(3):295-309. doi: 10.1007/s40259-023-00596-4. Epub 2023 Apr 25. PMID: 37097594; PMCID: PMC10127166. Retrieved August 10, 2023.

Food for Thought is a quarterly addition to the FANNP Newsletter, where we discuss trending topics of importance in the Neonatal Intensive Care setting. We would love to hear what you and your colleagues are discussing currently in your workplace, and greatly value your input. Please feel free to send any "trending topics" that you would like to hear more about to newsletter@fannp.org. In the ever-changing world of neonatology, remaining cognizant of current practices is of vital importance to furthering our education as providers!

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Conference from page 1

letting out hair down at our scheduled events including the Welcome Reception on Tuesday evening, the annual Beach Party with a fun Casino Night theme on Wednesday evening, and the Poster Session to share and learn from our coworkers on Thursday evening. We will also be hosting our FANNP Annual Business Meeting Brunch on Thursday morning. Please try and attend to find out what our busy Board of Directors have been up to and see how you can become more involved with our amazing organization (it's included in your FANNP membership and there are lots of cool prizes...not to mention an amazing brunch!). Looking forward to another wonderful conference!

*Mary Kraus, MSN, NNP-BC
FANNP Conference Chair*



Registration is open for FANNP's 34th National NNP Symposium: Clinical Update and Review

**October 10-14, 2023
Clearwater Beach, Florida**

FANNP leadership has planned a learning opportunity with multiple options for attendance:

- Limited on-site attendance (first come, first served).
- Virtual content for those unable to travel or wishing to stream from home.
- After conference "On-Demand" Library to view sessions for review or CEU credits.

We will be offering both the Advanced Track and Review Track with networking opportunities at the same low prices as 2022. Visit the FANNP website (www.FANNP.org) to download the brochure and register.

Whether you are on-site or streaming, you will be able to access the on-demand feature after the conference is over to access the content you didn't attend during the live event, with the possibility of almost double the CEU's! A real bargain!

Casino Night at the FANNP Beach Party



Join us for Casino Night at the annual FANNP Beach Party on October 11, 7-10 pm!

Place your bets on a magical night of fun under the stars with your friends, family, and colleagues. Feel free to wear your glitziest casino attire (encouraged, not required) for a night of great fun and relaxation! There will be delicious food, dancing to the DJ, games, photo booth, and a cash bar. You won't need Lady Luck tonight, as we guarantee you'll have a fabulous time! The event costs \$35 for conference registrants and \$40 for guests.

Sign up option available with conference registration.

The Kim Nolan Spirit Award In Memory and Honor of Kim Nolan



Kim Nolan

The Kim Nolan Spirit Award is given annually to a NNP who exemplifies Kim's exuberance and "can-do" attitude in service to profession, community, and/

or family. This award is a very prestigious honor! To read more about Kim visit www.fannp.org. The deadline for nominations has passed, and the winner will be announced at this year's FANNP Conference.

Clearwater Beach Named "Best Beach in the South" by USA Today! Things to Do in the Clearwater Beach Area

- Clearwater Marine Aquarium
- Catch a sunset on Pier 60
- Jolley Trolley Tours
- Enjoy a sunset cruise
- Sand Key Park
- Book a massage (you deserve it!)
- Visit art museums (including The Dali Museum) in St. Petersburg
- John's Pass Village for shopping
- Florida Botanical Gardens
- Casino Night with FANNP on the BEACH!!!



These are just a few things you can find in beautiful Clearwater Beach and surrounding areas. Be sure to let us know of other fun things you find here!!

FANNP Annual Membership Business Meeting

Thursday, October 12, 10:30 AM – 12 Noon (Eastern)

Each October FANNP holds a meeting of the membership in conjunction with the annual FANNP National NNP Symposium, Clinical Update and Review. Highlights of this year's meeting will include a delicious brunch, committee reports, budget review, and scholarship and research grant awards. The brunch is also a great place to chat with FANNP board members in a casual setting and see how you can showcase your talents and become more involved in this organization. And did we mention there are lots of great door prizes?!

All FANNP members are invited to attend. Attendance can be virtual via Zoom or in-person. Conference participants should make a reservation to attend with their conference registration or by emailing Karen Theobald at conference@fannp.org. Members wishing to attend via Zoom, please contact Anecia Carter (secretary@fannp.org) to obtain the Zoom link.

Brag Board



FANNP Committee Chair members would like to recognize the following people for their dedication:

Dr. Melissa Dollings for her first year on the Research Committee and her hard work behind the scenes.

Michele Savin for joining the Scholarship Committee this year.

Jacqui Hoffman and Colleen Moss on the Education Committee for their great job acquiring the great group of speakers this year!

Alex Buck and Sekinah Abijoye on the Communications Committee for their quarterly contributions to the newsletter and editing skills.

Linda Steele, printer of the FANNP quarterly newsletter is also recognized by the Communications Committee for her hard work and dedication.

Thank you all for your contribution of time to this amazing organization!

FANNP would also like to celebrate our member, Leslie Parker, PhD, APRN, NNP-BC, FANN. Dr. Parker was recently named a UF Research Foundation Professor as noted in "The Gator Nurse Magazine" summer 2023 edition. This is a prestigious designation reserved for only 34 of the University of Florida's most distinguished faculty and recognizes their exceptional scholarship and achievements as researchers. Dr. Parker has also been named interim associate dean for research at UF. Congratulations Dr. Parker!



Do you have a colleague, mentor, or student that you'd like to recognize for the Brag Board section of the newsletter? Or maybe you're the one doing some amazing work in the neonatal realm! Brag about it! Please email newsletter@fannp.org to share these accomplishments.

Bring it On Answers (Questions on page 8)

1. A. The biophysical profile is an assessment of fetal well-being. It combines the nonstress test (NST) with assessments of amniotic fluid volume, fetal breathing movements, fetal activity and fetal musculoskeletal tone. A score of 0 or 2 is assigned for the absence or presence of each of the categories. The NST measures the fetal heart rate in response to activity.
2. C. The treatment for pulmonary hemorrhage is supportive and involves clearing the hemorrhagic fluid from the airways. Increasing the PEEP helps to reduce the movement of interstitial fluid into the alveolar space.
3. A. Café au lait spots if larger than 4-6 cm or 6 or more in number can indicate neurofibromatosis or von Recklinghausen disease; an autosomal

dominant disorder involving tumors forming on primarily peripheral nerves, but cranial nerves can also be involved.

References

- Dukhovny, S., & Wilkins-Haug, L.E. (2017). Fetal Assessment and Prenatal Diagnosis. In E.C. Eichenwald, A.R. Hansen, C.R. Martin & A.R. Stark (Eds.), Cloherty and Stark's Manual of Neonatal Care (8th ed.). Wolters Kluwer.
- Plosa, E.J. (2017). Pulmonary Hemorrhage. In E.C. Eichenwald, A.R. Hansen, C.R. Martin & A.R. Stark (Eds.), Cloherty and Stark's Manual of Neonatal Care (8th ed.). Wolters Kluwer.
- Witt, K.L. (2019). Skin Assessment. In E.P. Tappero & M.E. Honeyfield (Eds.), Physical Assessment of the Newborn (6th ed.). Springer.

EDUCATIONAL OFFERINGS

11th Annual Fall Conference on Current Concepts in Neonatal Care (Symposia Medicus)

Oct 4-7, 2023

Napa, CA

<https://www.emedevents.com>

The 34th FANNP Neonatal Nurse Practitioner Symposium: Clinical Update and Review

October 10-14, 2023

Sheraton Sand Key
Clearwater Beach, FL

www.fannp.org



42nd Annual Neonatology Symposium

November 2-3, 2023

Nashville, TN

2023 Neonatal Symposium |
Department of Pediatrics
(vumc.org)

Miami Neonatology Conference

November 13-15, 2023

Miami, FL

<https://med.miami.edu>

MUSC Neonatal Pharmacology Conference

November 13-15, 2023

Charleston, SC

<https://medicine.musc.edu>

Hot Topics in Neonatology

December 11-13, 2023

National Harbor, MD

www.hottopicinneonatology.org

Neo: The Conference for Neonatology

February 21-23, 2024

Las Vegas, Nevada

<https://www.pediatrix.com/for-clinicians/neo-conference>



Calling for Research Proposals...

FANNP Grants Available

Each year FANNP sets aside funds for the support of research projects. Applications for funding are reviewed by the Research Committee. The Research Committee makes recommendations to the Board of Directors on proposals received. Members of the Research Committee are appointed by the Board of Directors. The grant application period is rolling—there is no deadline for grant submission. Grants will be awarded within six weeks following submission, based on the Research committee and BOD decision.

For more information, please email Terri Marin, Research Chair at grants@fannp.org or visit www.fannp.org.



FANNP Scholarships Awarded at the Annual Conference

FANNP has scholarship money available to be given away. Scholarships of \$1000 - \$2000 are awarded annually to nurses and NNPs continuing their educational pursuits in the field of neonatal health care. Scholarship recipients are announced in October at the FANNP Symposium. Scholarship monies can be used for tuition, books or any expenses incurred while in school.

The scholarship recipients give back and provide a short article, case study, practice pointer, evidenced-based practice update or literature review which is published in the FANNP Newsletter for the membership to read.

All members pursuing a degree in neonatal health care are encouraged to apply for a scholarship. Preceptors, mentors, and instructors please encourage students to become a FANNP member and apply for scholarships.

To obtain an application or for questions, please contact FANNP via email at: scholarships@fannp.org.

2023 FANNP Dates to Remember

FANNP Grant.....	Ongoing
Poster Presentation Abstracts.....	July 1
Kim Nolan Spirit Award.....	July 15
FANNP Scholarship.....	September 15
Conference On-Demand Library.....	September 15
National Neonatal Nurses Week*.....	Sept. 11-17
FANNP Neonatal Nurse Practitioner.....	Oct. 10-14
Symposium: Clinical Update and Review* Nurse Practitioner Week*.....	Nov. 12-18

**Dates change annually*

Newsletter Submission Calendar

Edition	Month	Article Submission Deadline	Publish Date
Winter 2023		11/11/23	12/09/23
Spring 2024		02/10/24	03/9/24
Summer 2024		05/11/24	06/08/24
Fall 2024		08/10/24	09/07/24

In addition to the core components of the newsletter, we would love to hear what you have to say! Please send in anything you would like to see added to the newsletter, whether it is an interesting article, a hot topic in the neonatal world, or even a shout out regarding a fellow FANNP member who is doing awesome things! We want to hear from you! Please submit following the above guidelines to newsletter@fannp.org.

FANNP Scholarship Application 2024 Eligibility Guidelines



- Applicants must be FANNP members.
 - All voting members, student members and associate members are eligible.
 - Priority for scholarship awards will be given to voting members, followed by student members and then associate members.
 - Priority for scholarship awards will be based on length of membership and service to FANNP.
- Applicants must be a licensed RN, ARNP, NNP or equivalent.
 - Preference will be given to currently licensed NNPs working towards an advanced NNP degree.
- Applicants must attend an educational program leading to a degree related to the health care field during the application period.
 - The application period for the 2024 Scholarship is September 15, 2023 to September 15, 2024 (i.e. to be eligible for a 2024 Scholarship you must have attended classes sometime between September 15, 2023 and September 15, 2024).
 - An applicant may receive a maximum of two scholarship awards for each degree sought.
- Applicants will provide a short article, case study, practice pointer, evidenced-based practice update or literature review to be published in the FANNP Newsletter.

Pocket Notebook

Submitted by Sekinah Ajiboye, CRNP, NNP-BC

Adrenal Insufficiency

Definition: The adrenal gland is made up of the adrenal cortex - which produces glucocorticoids, mineralocorticoids, and androgens; and the adrenal medulla - which produces epinephrine and norepinephrine (McNerney et al., 2023). Adrenal insufficiency occurs when there is an inadequate glucocorticoid and mineralocorticoid production to meet the body's needs.

- Primary adrenal insufficiency: these conditions are caused by an issue with the adrenal gland itself. Examples include: bilateral adrenal hemorrhages and Congenital Adrenal Hyperplasia. Signs of primary adrenal insufficiency are: hypotension, hypoglycemia, hyponatremia, and hyperkalemia (McNerney et al., 2023).
- Secondary adrenal insufficiency: these conditions are due to decreased levels of Adrenocorticotropic hormone (ACTH) from the anterior pituitary, but does not impact the levels of mineralocorticoids or cortisol; these infants usually do not present with electrolyte abnormalities (McNerney et al., 2023).
- Tertiary adrenal insufficiency: caused by inadequate levels of Corticotrophin Releasing Hormone (CRH) released from the hypothalamus.

The hormones produced and released from the hypothalamus, pituitary, and the adrenal gland are under a negative feedback loop mechanism known as the hypothalamic-pituitary-adrenal (HPA) axis.

Diagnosis:

- Gold standard: Cosyntropin stimulation test
 - Cosyntropin stimulates the production of cortisol from the adrenal gland; it can be administered intramuscularly or intravenously. After cosyntropin administration, cortisol levels are measured at time of administration (0 minute), 30 minutes and 60 minutes (McNerney et al., 2023)

Treatment:

- IV fluids for hypotension
- Steroids for hypotension (especially if refractory to vasopressors)
- Correct electrolyte abnormalities
- Hydrocortisone is the preferred glucocorticoid for treatment of adrenal insufficiency.
 - Dosage: 30-50 mg/m²/day divided every 6-8hours.
 - Treatment duration: as needed to optimize electrolytes and blood pressure.
 - Treatment course greater than 1-2 weeks can lead to iatrogenic adrenal insufficiency and impaired endogenous production of glucocorticoids. Treatment courses greater than 2 weeks will require a taper course that should be created based on the infant's history of steroid exposure (McNerney et al., 2023).
- An infant with presumed or confirmed adrenal insufficiency requires stress dose steroids (50-100mg/m²/day) during periods of stress, illness, or surgery (McNerney et al., 2023).

Reference

McNerney, K. P., & Arbeláez, A. M. (2023). Steroid use in the NICU: Treatment and tapering. *NeoReviews*, 24(4). <https://doi.org/10.1542/neo.24-4-e207>

FANNP on Social Media

We would love to hear from students regarding their experience with FANNP, the conference and passing boards. Please join our Facebook account and let us know how FANNP has helped you. We have been posting short video segments called "Meet your board member"; hopefully these videos have provided insight to some of the current FANNP board members and allowed you to put a name with the face for the conference and for networking possibilities.

Also be sure to follow us on Instagram and X (formerly Twitter) @FANNPorg. FANNP can also now be found on LinkedIn! Follow us at #fannp.

More information on all things FANNP, including valuable conference information can be found by going to our website at www.fannp.org or by scanning the following code:



There is so much valuable information here for your practice as an NNP!



FANNP Has Established the Robert “Bob” Rogers Poster Session Grant Fund

In February 2023 FANNP lost a good friend and supporter.

Jacqui Hoffman’s husband Bob Rogers was an honorary social host and greeter at FANNP Conferences. He attended our social gatherings and loved to meet student NNPs from all over the country to hear their stories. Bob would tell them jokes and offer words of encouragement.

At the time of his death, Bob honored FANNP and requested in lieu of flowers, contributions be made to FANNP to support students attending the FANNP Conferences. FANNP has established a grant fund in his name to support NNP students presenting at or attending the Poster Session at our annual conference.

Please consider contributing to this fund using the link found on the FANNP website.



“He was larger than life.” – Jacqui Hoffman



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Sobi, Inc. is an international biopharmaceutical company dedicated to rare diseases, with a focus in immunology, hemophilia, inflammatory, genetic, and metabolic diseases. Respiratory syncytial virus (RSV) is a leading cause of hospitalization in infants aged <1 year. High-risk populations include infants and children who are born prematurely and those with chronic lung disease or congenital heart disease. RSV hospitalizations in preterm infants have been increasing since 2014 and often result in ICU admission and the need for mechanical ventilation.

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*Bring
it on...*

**Practice
Questions
to Prepare
for the NNP
Certification
Exam**

1. The biophysical profile consists of the following categories:
 - A. Body movement, breathing, NST, tone and amniotic fluid volume
 - B. Heart rate, tone, femur length, and amniotic fluid volume
 - C. Maternal glucose, heart rate, lamellar body counts, and blood volume

2. Which of the following ventilator changes should be considered in an infant with bright red blood in the endotracheal tube?
 - A. Decrease in peak inspiratory pressure (PIP)
 - B. Increase in inspiratory time (IT)
 - C. Increase positive end expiratory pressure (PEEP)

3. Café au lait spots that are large or increasing in number are associated with a disorder with what inheritance pattern?
 - A. Autosomal dominant
 - B. Autosomal recessive
 - C. Mitochondrial mutation

Answers on page 4

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