Ramkumar Jayagopalan, MD

Ramkumar Jayagopalan has been in pediatric primary care for over 20 years, currently practicing at Carolina Pediatrics in Columbia. He completed his medical school in India, completed his masters at the University of Louisiana Lafayette, and finished his pediatric residency training at Cook County Hospital in Chicago, IL.

In addition to being a practicing pediatrician, he has been the medical director for the Quality Through Innovations in Pediatrics (QTIP) quality improvement initiative since 2019. He also serves on the South Carolina Chapter of the American Academy of Pediatrics (SCAAP) leadership team. Other responsibilities have included being the foster care liaison for SCAAP and serving in the foster care advisory committee for the South Carolina Department of Social Services.

His special interests are in childhood obesity, mental health and adverse childhood experiences. He is married with two children and his hobbies include tennis, running and writing.



Shiann Bradley



Shiann Bradley is from Denmark, SC. She has a bachelor's degree in biology with a minor in chemistry. Her master's degree is in clinical operations and healthcare management. She is currently the program director for the SCDHHS QTIP initiative.

Among her other experiences include, but are not limited to, ER scribe, ENT call center manager, contact lens technician and director of research and evaluation in the cancer division for the South Carolina Department of Public Health.





The 4th Trimester: A Focus On The Mom and Baby Dyad

Ramkumar Jayagopalan, MD
Shiann Bradley, MSHS
QTIP
SCDHHS

Who?





KICK-OFF SESSION: SEPTEMBER 11, 2024

@ 7:30am & 12:30pm

Support your patients and their families in this new chapter!

Learn how having important conversations with parents about their 4th trimester experiences, parenting and caring for their newborn can help ensure a happier and healthier life for the families you serve!





CONTENT FOCUS:

Postpartum Depression Postpartum Physical Warning Signs Relational Health Home Visiting

LEARN HOW TO: Establish a workflow within the pediatric medical home that llows pediatricians to address 4th Trimester

- 13 practices participated
- Project focuses:
 - > Postpartum depression screening
 - > Physical health warning signs
 - Staff/provider education
 - > Mom's referrals
 - Safe sleep focus/book distribution

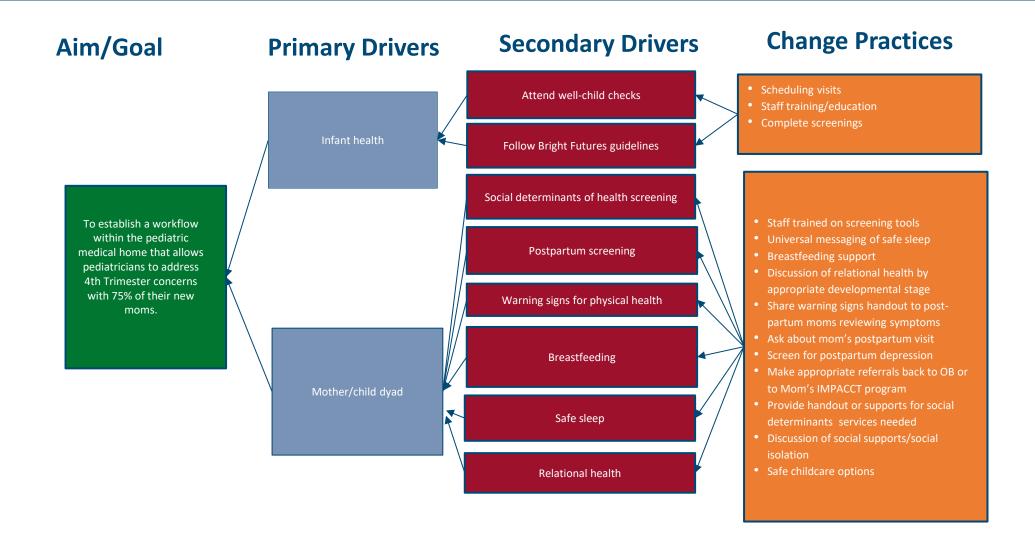


Why?

- In 2020, the South Carolina pregnancy-related mortality rate was 32.3 deaths per 100,000 live births compared to a national average of 23.8 in 2020.
- Black women were 4.2 times more likely to die than white women in South Carolina. In that same year, 94.4% of pregnancy-related deaths were deemed preventable, compared to 81.8% in 2019 and 75% in 2018. Among pregnancy-related deaths, 51.6% occurred between seven and 365 days postpartum.
- In March 2022, SCDHHS announced it was <u>extending Medicaid coverage from 60</u> days to 12 months postpartum for women who qualify for Medicaid coverage because they are pregnant.
- In fall 2023, QTIP hosted a safe sleep workshop to address the growing concern with safe sleep.
- For 2024-2025, QTIP is focusing on the 0-36 months age range, with an emphasis on the mother/child dyad.



Key Driver Diagram – Fourth Trimester Workshop





Workshop Sponsored by Molina

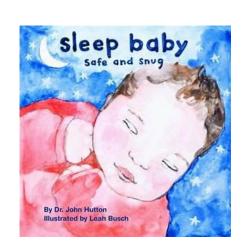
- Molina is providing practices with safe sleep books that you can distribute to children ages 0 – 12 months.
- Expected delivery: by midpoint call on 10/16- please plan accordingly
- Resources
 - **Patients**
 - Office













QTIP Data Collection Via Practice Survey

Practice	QTIP Practices					
Survey	1- Baseline	~	2-Midpoint		3-Final	¥
Q1: Staff trained on screening tools	2	(2		2	
Q2: Practice provides safe sleep messaging	1	(2		2	
Q3: Provide education on updated AAP safe sleep guidelines for 0–12 months	2	(2		2	
Q4: Provide Safe Sleep Book at designated visit	1	(2		2	
Q5: Discuss parent-child relational health by developmental stage	1.4	(1.7		1.5	
Q6: Discuss/share safe childcare options during first year	1	(1		0.9	
Q7: Discuss & document family strengths at every health visit	0.9	(0.9		0.9	
Q8: Use standardized screener for postpartum depression	1.4	(1.5		1.7	
Q9: Screen partner with EPDS at 6-month visit	0.2	(0.1		0	
Q10: Provide handouts on postpartum warning signs & complications	0.3	(1		1.3	
Q11: Discuss social support/isolation with moms until baby is 6 months old	8.0	(1.2		1.5	
Q12: Ask new moms about postpartum visit	0.6	(1.4		1.4	
Q13: Consistent method to track and follow up on immediate concern	0.7	(0.9		1.1	
Q14: Share referral resources for positive postpartum depression screens	1.8	(1.8		2	
Q15: Track shared referral resources and follow-up for positive screens	0.7	(1.2		0.9	
Q16: Make referrals to OB/IMPACTT for postpartum care	0	(0.3		0.5	
Q17: Track referrals to the MUSC IMPACTT program	1.4	(1.1		1.8	
Q18: Make referrals to early intervention programs	2	(2		2	
Q19: Track referrals to early intervention programs	0.9	(1.4		1.4	
Q20: Provide/link families to lactation support/resources	2	(2		2	
Q21: Track referrals to lactation support/resources	1.2	(1.1		1.1	
Q22: Designated breastfeeding area in the clinic	0.8	(1.1		1.1	
Total	24		28		29	



Practice Implementations

What our practices put in place...



Expanding Edinburgh Postnatal Depression ScaleScreening

What our practices put in place...



Mom's Physical Warning Signs





Connecting Mom With Resources









Staff Education



Other Projects

Safe sleep

Addressing social determinants of health needs

Breastfeeding

Promoting a safe childcare home



Continuing The Work

- Improving Maternal and Infant Health: Increasing Access to Care in Rural South Carolina
- Recommendation: Care Delivery #3
 - ➤ Encourage medical providers who traditionally take care of infants (pediatricians, family medicine physicians, etc.) to participate in a pilot program to evaluate the health outcomes and cost savings associated with educating and screening postpartum moms for health conditions. Explore billing for dyadic services to better address the health needs of moms and babies.

