



ECI Library Matters

Medical Diagnosis & Special Populations (updated)

This issue features updated library resources on medical diagnosis & special populations. Abstracts of journal articles on this ECI topic are also included. For a complete listing of library titles, go to the online library catalog at www.texashealthlibrary.com.

Library materials may be borrowed upon request. Electronic library materials may be accessed on any device with internet access. Please email any ECI library requests or questions to avlibrary@dshs.texas.gov.

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Selected Journal Abstracts

Infant massage as a stress management technique for parents of hospitalized extremely preterm infants. McCarty, D., Silver, R., Quinn, L., Dusing, S., & O'Shea, T. M. (2024). *Infant Mental Health Journal*, 45(1), 11-21. <https://doi.org/10.1002/imhj.22095>

Mothers of infants born extremely preterm requiring prolonged medical intervention in the Neonatal Intensive Care Unit (NICU) are at high risk of developing stress. Parent-administered infant massage is a well-established, safe intervention for preterm infants with many developmental benefits, but the published literature has mostly examined its impact on infants and parents through self-reported or observational measures of stress. The aim of this study was to measure salivary cortisol, a biomarker for stress, in extremely preterm infants and their mothers immediately pre and post parent-administered infant massage in order to detect potential changes in physiologic stress. Twenty-two mother-infant dyads completed massage education with a physical or occupational therapist. All dyads provided salivary cortisol samples via buccal swab immediately pre- and post-massage at the second session. Of mothers determined to be "cortisol responders" (15/22), salivary cortisol levels were lower after massage (pre-minus post-level: -26.47 ng/dL, [CI = -4.40 , -48.53], $p = .016$, paired t-test). Our primary findings include a clinically significant decrease (as measured by percent change) in maternal cortisol levels immediately post parent-administered massage, indicating decreased physiological stress. Integration of infant massage into NICU clinical practice may support maternal mental health, but further powered studies are necessary to confirm findings.

Two babies, two bonds: Frequency and correlates of differential maternal-infant bonding in mothers of twins.

Wenze, S. J., Mikula, C. M., & Battle, C. L. (2024). *Infant Mental Health Journal*, 45(3), 286-300. <https://doi.org/10.1002/imhj.22108>

We assessed prevalence and correlates of differential maternal-infant bonding (i.e., experiencing a stronger bond with one baby vs. the other) in mothers of twins, focusing on aspects of maternal mental health, well-being, and pregnancy/birth that have been previously linked with maternal-infant bonding. Participants (N = 108 American women, 88.89% White, 82.41% non-Hispanic, aged 18–45, who gave birth to twins in the past 6–24 weeks) were recruited from postpartum support websites. Participants completed a Qualtrics survey assessing

pregnancy/birth history, symptoms of depression and anxiety, sleep, stress, romantic relationship satisfaction, and postpartum bonding. Twenty-six participants (24.07%) reported a bonding discrepancy. These participants endorsed higher symptoms of depression and anxiety, lower relationship satisfaction, lower average postpartum bonding, higher general and parenting stress, and longer pregnancy (all p 's > .05). Greater degree of bonding discrepancy correlated with more depression, higher parenting stress, longer pregnancy, and lower relationship satisfaction (all p 's > .05). Mothers of twins may benefit from postpartum mental health support, stress management strategies, and interventions to improve bonding. Future work should assess the role of breastfeeding difficulties, delivery method, birth-related trauma, infant regulatory capacity, and temperament. Longitudinal studies will help test cause and effect and potential long-term repercussions of maternal-infant bonding discrepancies.

Selected Journal Table of Contents

Infants Mental Health Journal. Volume 45, Issue 1; January 2024

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Do toys get in the way? The duration of shared emotional experiences is longer when mothers engage their infants without toys. p. 3-10. Sjolseth, S. R., Frosch, C. A., Owen, M. T., & Redig, S. L.

Infant massage as a stress management technique for parents of hospitalized extremely preterm infants. p. 11-21. McCarty, D., Silver, R., Quinn, L., Dusing, S., & O'Shea, T. M.

Movement through motherhood: Exploring mood, wellbeing, and prenatal emotional availability (EA) through EA-based dance intervention. p. 22-39. Dame, K. B., Harvey, M. J., Aichele, S., Van Denburg, A. K., Hoyer, L., Joslin, S., McKenna, A., Lincoln, M., Closson, L., Flykt, M., Salo, S., Harvey, A., & Biringen, Z.

Predicting attachment in Portuguese infants born very or extremely preterm: Understanding the roles of infant regulatory behavior, maternal sensitivity, and risk factors. p. 40-55. Antunes, S., Alves, M. J., Martelo, I., Beeghly, M., Barros, L. & Fuertes, M.

Psychometrics of psychosocial behavior items under age 6 years: Evidence from Nebraska, USA. p. 56-78. Waldman, M. R., Raikes, A., Hepworth, K., Black, M. M., Cavallera, V., Dua, T., Janus, M., Martin-Herz, S. P., McCoy, D. C., & Weber, A. M.

Reflective supervision and reflective practice in infant mental health: A scoping review of a diverse body of literature. p. 79-117. Tobin, M., Carney, S., & Rogers, E.

Topics in Early Childhood Special Education. Volume 43, Issue 4; February 2024

Future Topics. p. 247-248.

The effects of practice-based coaching on the implementation of shared book reading strategies for speech-language pathology assistants and paraeducators working with children with language delays. p. 249-264. Dennis, L. R., Farquharson, K., Reed, A., Summy, R., Westmoreland, J., & Clark, K.

Transition to kindergarten for children with disabilities: Parent and kindergarten teacher perceptions and experiences. p. 265-277. Sands, M. M. & Meadan, H.

Leveraging joint planning in early intervention: Documenting with intentionality and specificity. p. 278-292. Mickelson, A. M. & Hoffman, R.

The impact of young children's persistent challenging behavior on childcare providers: "It's like floating in a sea with no paddle". p. 293-305. Doubet, S., Ostrosky, M. M., & Quesenberry, A. C.

Latin American mothers' first-hand accounts of a statewide early intervention model: A funds of knowledge approach. p. 306-319. Abarca, D. L., Romano, M. & Rodriguez, E.

Implementation of developmental screening in early childhood education: An investigation of process variables and acceptability. p. 320. Rispoli, K. M., Norman, M. Z., & Nelson, S. R.

New Audiovisuals

A life unbound. [Streaming](#) or DVD. 53 min. 2020. (DV1488)

Whether it is autism, cerebral palsy, stroke, or dementia, cutting edge neuroscience is beginning to change what is possible when it comes to recovery and prevention. The world's top neuroscientists explore brain plasticity strategies and the role these strategies can play in revolutionizing the human experience.

Deaf out loud. [Streaming](#) or DVD. 43 min. 2018. (DD0859)

Over 35 million hard of hearing people reside in the United States, they communicate in a variety of different ways. This documentary tells the story of three predominantly hard of hearing families and how they communicate in the deaf and the hearing world. These families' use several methods of communication such as American sign language, speaking, and reading lips to communicate daily.

New Books

Understanding the NICU: What parents of preemies and other hospitalized newborns need to know. 2017. (WS 410 U55 2017 ECI)

This book guides parents through the NICU journey, gives guidance on communicating with members of the NICU team, and explains medical conditions so that parents can ask questions and participate as a valuable partner in their baby's care. It also provides important information about how to care for babies after they leave the hospital. Included in the book are inspirational stories from parents who have had their own NICU experiences, bringing hope and comfort to other parents with an infant who is hospitalized.

When your child has a chronic medical illness: A guide for the parenting journey. Frank J. Sileo, 2021. (WS 200 S582 2021 ECI)

For all its joys, parenting is a complex job, and when your child has a chronic illness, the stress can feel overwhelming. This book places your psychological well-being front and center, so you can be the best caregiver possible for your child.

When children feel pain: From everyday aches to chronic conditions.

Rachel Rabkin Peachman, 2022. (WL 704 P355 2022 ECI)

Childhood pain is a widespread problem, yet it often goes untreated. The result can be long-term ill health. Drawing on the latest research, two voices on pediatric pain show parents, teachers, and medical practitioners how to

help when they are needed most, attuning adults to practical strategies that make real difference in kids' lives.

New eBooks

Familial fitness: Disability, adoption, and family in modern America.

Sandra M. Sufian, 2022.

In *Familial Fitness*, Sandra M. Sufian chronicles the long, complex history of disability. *Familial Fitness* explores how notions and practices of adoption have - and have not - accommodated disability, and how the language of risk enters into that complicated relationship. It examines how the field of adoption moved from widely excluding children with disabilities in the early twentieth century to partially including them at its close. As Sufian traces this historical process, she examines the forces that shaped, and continue to shape, access to the social institution of family and invites readers to rethink the meaning of family itself.

Grandparenting children with disabilities. Madonna Harrington Meyer and Ynesse Abdul-Malak, 2020.

Childhood disabilities, particularly cognitive disabilities, are on the rise yet social programs and services to help US families respond to disabilities are not. Many families turn to grandparents for assistance juggling work, family responsibilities, and specialized therapies. This book is based on in-depth interviews with grandparents who are providing at least some care to grandchildren with disabilities. The analyses will help to better understand (1) under what conditions grandparents provide care and support, (2) what types and intensities of care and support grandparents provide, and (3) the impact of that care and support on grandparents' social, emotional, physical, and financial wellbeing.

Raising twins: Parenting multiples from pregnancy through the school years. Shelley Vaziri Flais, 2019.

Pediatrician and twin-mom, Dr. Shelly Vaziri Flais, offers expert advice for raising healthy, well-adjusted twins and triplets in this fully revised and updated third edition. Her guidance will help parents of multiples prepare for their babies' arrival, weather the first few months of infancy, manage toddlerhood, and help establish individual identities through the school-age and teenage years.

Supporting life skills for young children with vision impairment and other disabilities: An early years habilitation handbook. Fiona Broadley, 2021.

This practical resource is designed to help professionals, parents and carers as they support children with vision impairments to develop independence in everyday tasks. Using the Early Years Foundation Stage framework as a basis, it provides a wealth of strategies and activities to develop key skills, including dressing, maintaining personal hygiene, eating and drinking and road safety. This is an invaluable tool that can be dipped in and out of to help make learning fun, boosting the child's confidence and helping create a positive 'can-do' attitude when faced with new challenges. Fiona Broadley, 2021. This title is also available in print format.

Selected Audiovisuals

ASQ:SE-2 in practice. DVD. 25 min. 2017. (DD0819)

Miracle of birth 4: Five birth stories. DVD 61 min. 2014. (DV0854)

Complications during and immediately after birth - Patient Care in the NICU (series). [Streaming](#) or DVD. 136 minutes. 2019. (DV1491)

Understanding grandparenting. DVD. 36 min. 2018. (DD0835)

Understanding your multiples. DVD. 50 min. 2019. (DD0840)

Selected Books

ASQ:SE-2 learning activities & more. Elizabeth Twombly, 2018. (WS 103 T974 2018 ECI)

Baby and toddler basics: Expert answers to parents' top 150 questions. Tanya Altmann, 2018. (WS 103 A465 2018 ECI)

Children with hearing loss: Developing listening and talking birth to six, 4th ed. Elizabeth B. Cole, 2020. (WV 271 C689c 2020 ECI)

Comprehensive guide to intellectual and developmental disabilities. Ivan Brown and Maire Percy, 2017. (WB 320.2 C737 2017 RHB)

Cerebral palsy: A complete guide for caregiving. Freeman Miller and Steven Bachrach, 2017. (WS 342 M647 2017 ECI)

Developing empathy in the early years: A guide for practitioners. Helen Garnett, 2018. (LB 1139 G235 2018 ECI)

The early years: Foundations for best practice with special children and their families. 2016. (LC 4019.3 E59 2016 ECI)

Grandparenting children with disabilities. Madonna Harrington Meyer and Ynesse Abdul-Malak, 2020. (WS 105.5 C3 H299 2020 ECI)
This title is also available in eBook format.

Helping children develop a positive relationship with food. Jo Cormack, 2018. (WS 130 C811 2018 ECI)

Not always happy: An unusual parenting journey. Kari Wagner-Peck, 2017. (WS 107.1 W133 2017 ECI)

Occupational therapy activities for kids: 100 fun games and exercises to build skills. Heather Ajzenman, 2020.
(WS 368 A312 2020 ECI)

Raising exceptional children: A guide to understanding learning differences and empowering your child. Marianne Young, 2020.
(LC 4019.3 Y68 2020 ECI)

Seven essentials for family-professional partnerships in early intervention. Bonnie Keilty, 2017. (LC 4019.3 K27 2017 ECI)

Supporting life skills for young children with vision impairment and other disabilities: An early years habilitation handbook.
Fiona Broadley, 2021. (WW 276 B863 2021 ECI)
This title is also available in eBook format.

Weaving the cradle: Facilitating groups to promote attunement and bonding between parents, their babies, and toddlers. 2017. (WS 105.5 C3 W363 2017)

Selected Children's Books

All kinds of friends, even green! Ellen B. Senisi, 2002. (WB 320 S477 2002 ECI)

Big sis visits the NICU. Terri Major-Kincade, 2021. (WS 410 M234 2021 ECI)

Evan early. Rebecca Hogue Wojahn, 2006. (805.1 W847e 2006 ECI)

My friend Suhana. Shaila Abdullah, 2014. (WS 342 A238 2014 ECI)

Nathan's wish. Laurie Lears, 2005. (805.1 L438n 2005 ECI)

Otto the blind otter. Sue Purkapile, 2004. (WW 276 P985 2004 ECI)

Rolling with life. Jeralyn Barta, 2010. (804 B283 2010)

Selected eBooks

To access ECI ebooks, please [email](#) the ECI Library for access information.

Chronic disease and disability in childhood. Joav Merrick, 2013.
Leading healthcare professionals from many corners of the globe and institutions in Israel presented their work and clinical practice on a wide range of topics related to pediatric and adolescent chronic diseases and human development.

Epilepsy. Howard P. Goodkin, 2014.
This book summarizes the knowledge and practices of expert epilepsy specialists in a concise, practical pocketbook for everyday use by treating physicians. Early intervention specialists may find the chapter on special topics in pediatric epilepsy useful.

Families of children with developmental disabilities: Understanding stress and opportunities for growth. D. W. Carroll, 2013.

This book will be useful to developmental psychologists interested in family dynamics, clinical psychologists and other mental health professionals who provide services to families touched by disability. Organized developmentally, it begins with the initial reactions of parents to a child with an unexpected health condition, then analyzes the family as a system of interconnected members adapting to a child with developmental issues, and

finally discusses how family dynamics shift when an individual with a disability approaches adulthood.

Preterm birth in the United States: A sociocultural approach. Janet M. Bronstein, 2016.

This book addresses the myriad of issues relating to - and reviews the plethora of responses to - premature births in the United States, both in national context and compared with other countries. In addition to current clinical data, it examines how preterm births in the U.S. fit in with larger social concerns regarding poverty, racial disparities, reproductive rights, gender expectations, and the business of health care.

The Preemie Primer: A complete guide for parents of premature babies - from birth through the toddler years and beyond. Jennifer Gunter, 2010.

The Preemie Primer is a comprehensive resource, covering topics from delivery, hospitalization, and preemie development to parenting multiples, handling health issues, and finding special-needs programs.

Teaching young children with disabilities in natural environments, 2nd ed. Mary Jo Noonan and Linda McCormick, 2013.

Enhanced with topics critical to effective practice, this second edition is the essential methods textbook for preservice professionals preparing to teach young children with disabilities in today's increasingly diverse and inclusive programs. Focusing on children birth to 5, this core text gives future professionals specific, evidence-based knowledge on what to teach and how to teach it, with practical methods that fit into naturally occurring activities and routines.

Understanding families: Supportive approaches to diversity, disability, and risk, 2nd ed. Marci Hanson and Eleanor Lynch, 2013.

With a strong emphasis on family resilience, this book gets pre-service and in-service professionals ready to work with a broad range of families with diverse structures, backgrounds, and circumstances.

Selected Websites

Cerebral Palsy Websites:

- [Cerebral Palsy | HealthyChildren.org](http://HealthyChildren.org)
- [Cerebral Palsy | MedlinePlus](http://MedlinePlus)

- [United Cerebral Palsy](#)
- [Updated Guidance: Identifying Cerebral Palsy Early Can Help Children Thrive | HealthyChildren.org](#)

Cleft Palate Websites:

- [American Cleft Palate | Craniofacial Association](#)
- [Caring for Babies Born with Cleft Lip or Cleft Palate: AAP Report Explained](#)
- [Cleft & Craniofacial | HealthyChildren.org](#)
- [Cleft Palate | MedlinePlus](#)

Cystic Fibrosis Websites:

- [Cystic Fibrosis Foundation](#)
- [Cystic Fibrosis | HealthyChildren.org](#)
- [Cystic Fibrosis | MedlinePlus](#)

Epilepsy Websites:

- [Epilepsy Foundation | Epilepsy for Parents and Caregivers](#)
- [Epilepsy | MedlinePlus](#)
- [Infantile Spasms: Symptoms, Causes & Treatment | HealthyChildren.org](#)
- [Seizure First Aid for Children | HealthyChildren.org](#)
- [Seizures | HealthyChildren.org](#)
- [Seizures | MedlinePlus](#)

Marfan Syndrome:

- [Marfan Syndrome: Keeping Kids with this Inherited Condition Healthy | HealthyChildren.org](#)
- [Marfan Syndrome: Multidisciplinary Care is Key | HealthyChildren.org](#)

Medical Diagnoses Websites:

- [Genetic Conditions | MedlinePlus](#)
- [March of Dimes | Genetic and Chromosomal Conditions](#)
- [National Organization for Rare Disorders](#)

Muscular Dystrophy Websites:

- [Muscular Dystrophy in Children: Information for Families | HealthyChildren.org](#)
- [Parent's Guide to Pediatric Muscular Dystrophies | Everyday Health](#)

Preterm Births Websites:

- [Caring for a Premature Baby: What Parents Need to Know | HealthyChildren.org](#)

- [Centers for Disease Control Preterm Birth](#)
- [Health Issues of Premature Babies | HealthyChildren.org](#)
- [March of Dimes Preterm Babies](#)
- [Preemie | HealthyChildren.org](#)
- [Premature Babies MedlinePlus](#)

Sickle Cell Disease Websites:

- [Sickle Cell Disease: Information for Parents | HealthyChildren.org](#)
- [Sickle Cell Disease | MedlinePlus](#)
- [Sickle Cell Disease | Nemours Kids Health](#)

Spina Bifida Websites:

- [Spina Bifida | National Institutes of Health](#)
- [Spina Bifida Association](#)
- [Spina Bifida: Types, Causes & Treatment for Children | HealthyChildren.org](#)
- [Spina Bifida | MedlinePlus](#)

Twins, Triplets, Multiple Births Websites:

- [Expert Tips on Parenting Multiples | HealthyChildren.org](#)
- [March of Dimes | Being Pregnant with Twins, Triplets and Other Multiples](#)
- [Twins, Triplets, Multiple Births | MedlinePlus](#)

Visual Impairments Websites:

- [FamilyConnect](#) is for parents of children with visual impairments in English and Spanish.
- [Your Kids Vision](#) is a website for parents to give families the tools and confidence to make the best vision choices for infants and children.

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