

"Canada's most recent census identifies First Nations community as the largest growing segment of our population..."

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- Understand and utilize tools to assist with well infant and child assessment including the Rourke Baby Record and LookSee Development Screening
- Establish a systematic approach to perform a history and physical assessment of a infant and child clients and recognize when to consult with RN colleague, or refer to MD or NP
- Recognize concerning findings and identify the body systems involved
- Determine whether the client can be treated effectively in community or if they require a higher level of care.

Learning Objectives

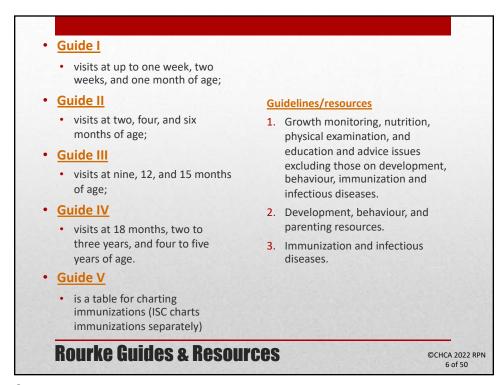
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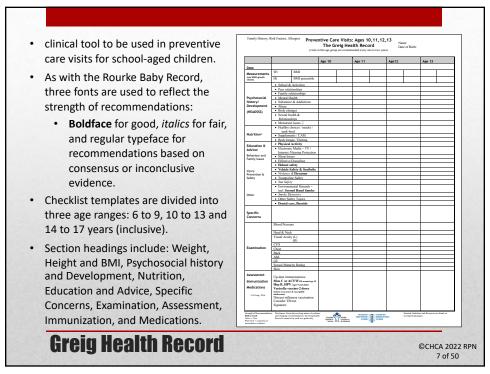
A Canadian evidence based tool to guide Primary Care providers doing well infant and toddler and child assessments

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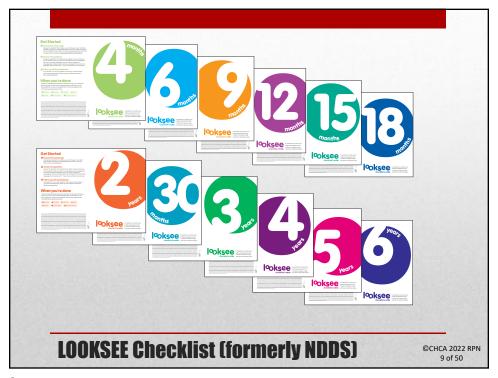


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- The LOOK-SEE Guide is designed to provide an easy-to-use method of recording the development and progress of infants and children. The LOOKSEE Guide provides a general overview (snap-shot) of the child's development on the day of screening.
- Most children will have mastered the given skills by each appropriate age. If one or more "No" responses are marked, a referral to MD/NP should be made
- Explores 13 developmental stages:
 - Vision
 - Hearing
 - Speech
 - Language
 - Communication

- Gross and fine motor
- Cognitive
- Social/Emotional
- Self-help

LOOKSEE Checklist (formerly NDDS)

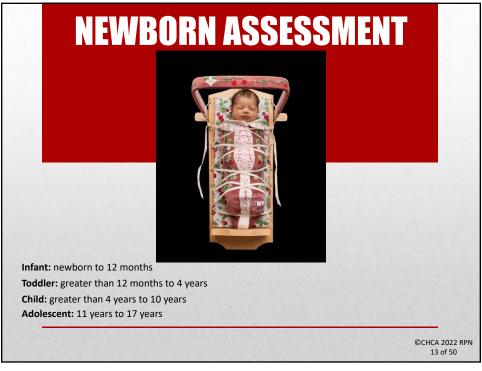
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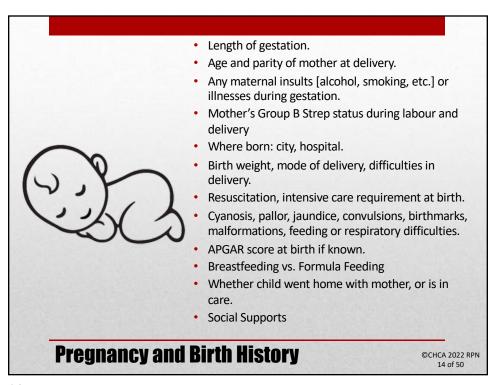
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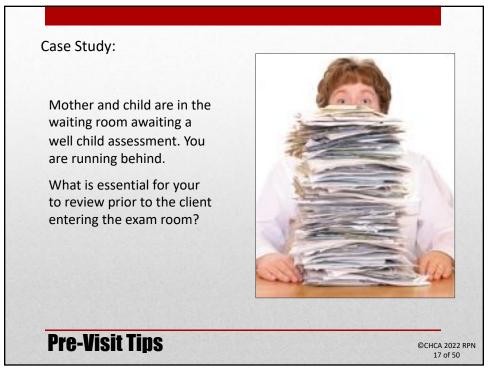


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Sign	Score: 0	Score: 1	Score: 2
Heart Rate	0	Under 100 beats per minute	Over 100 beats per minute
Respiratory Effort	Apnea	Weak, irregular or gasping	Good crying
Muscle Tone	Flaccid	Some flexion of arms and legs	Well flexed or active movements of extremities
Reflex or Irritability	No response	Grimace or weak cry	Good cry
Colour	Blue all over or pale	Body pink and hands and feet blue	Pink all over

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Complete History Should Include:

- Pregnancy and Birth history (previous slide)
- Immunization history
- · Diet including vitamin use and fluoride use
- Development history
- Social history

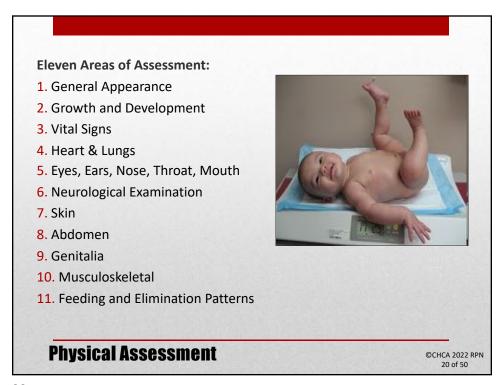
"It is recommended the entire history be taken before the physical exam"

General History & Review of Systems (ROS)

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Newborn:

- Place the newborn on the examination table, and observe, listen to the heart and lungs.
- Once this is accomplished proceed with the rest of your exam.

Infant/Toddler:

 Start slowly and examine the child in the caregiver's lap, start with a non-threatening area, and try to end with the head, ears and throat exam last.



General Approach: needs to remain flexible and the more rapport with the child before the physical exam the better. This is especially true for patient's between the ages of 8 months and 4 years.

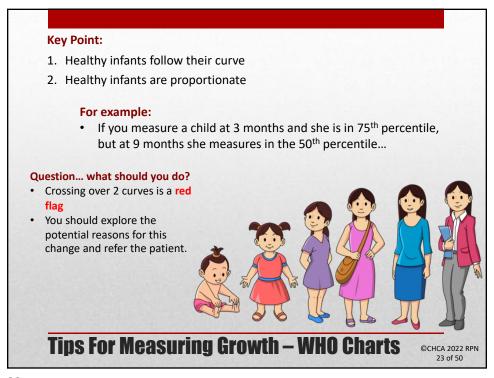
General Exam Approach

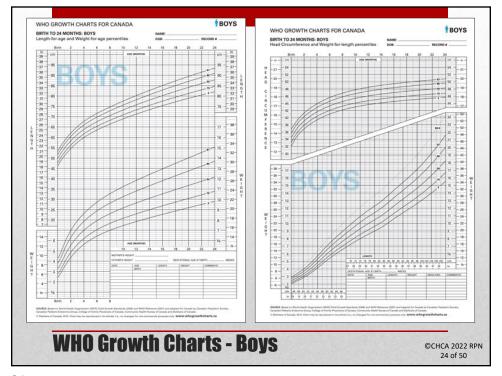
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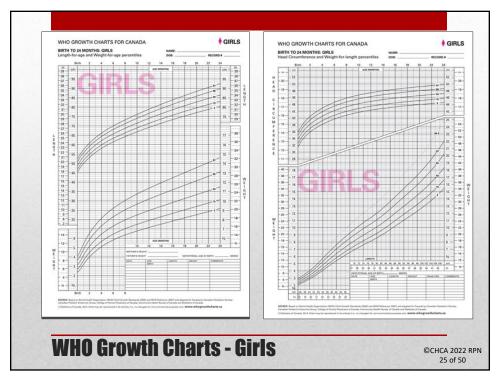
Birth Weight 10% loss in first 3-4 days is normal Gain back to birthweight in 10-14 days Should gain 1lb a month Weight Gain for Infants Should double in weight by 6 months Triple in weight by 12 months OCHCA 2022 RPN 22 of 50

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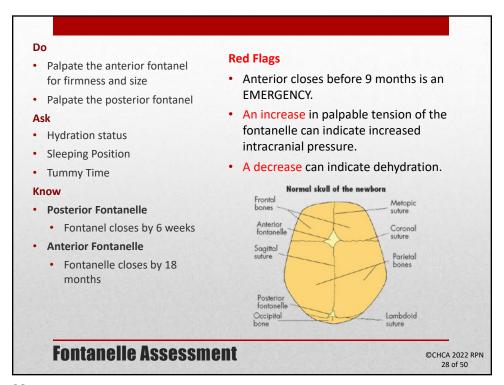


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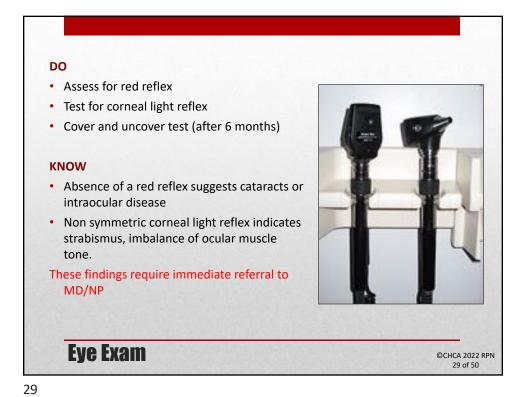


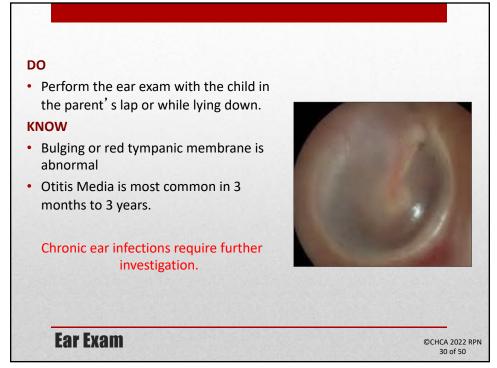


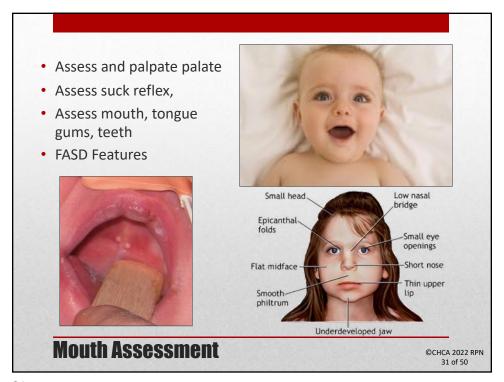


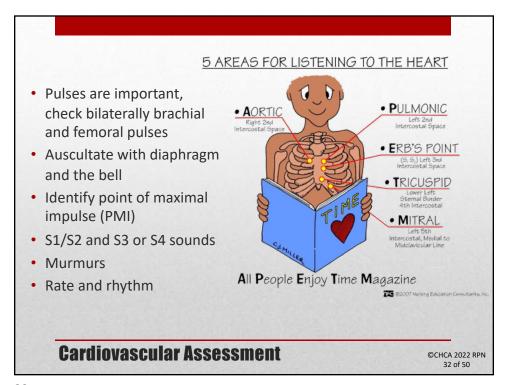


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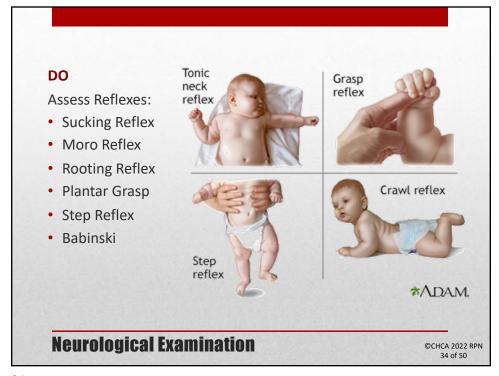






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KNOW

Reflexes:

 Should be symmetric and persistent primitive reflexes are a signal of underlying dysfunction.

Movement:

- · Watch for lack of neck movement.
- 4 months they should be able to hold their head up well.

Tone:

- Hypertonia vs hypotonia
- "Floppy" tone can indicate neurological deficits.

Cranial Nerve Assessment:

At what age can this assessment be completed?

New Born Reflexes, Movement & Tone

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- Auscultate in all 4 quadrants
- Palpate, note liver, spleen and kidneys
- Umbilicus
- Check for hernias: umbilical or inguinal
- Inspect anal area for patency
- Inspect genitalia

Abdomen & Genitalia

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Test for congenital hip dysplasia:

Barlow Maneuver

Ortolani Test

If you feel a click during the adduction or abduction or if there is spasm or discomfort of the adductors.

This is a positive finding and may indicate a dislocated or sublux-able hip

Consult with MD/NP for positive findings

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DO

- Inspect the whole body
- Describe the size, shape, color and location of any rashes or lesions
- Ask the parents how often the child is bathed and if any topical products are used
- Note presence of Jaundice, consider consulting if needed.

KNOW

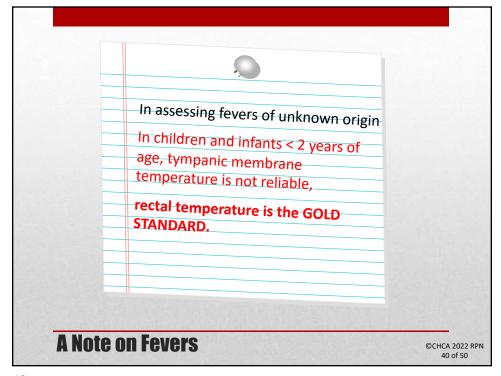
- Common benign Lesions parents may ask about
 - · Café au Lait Spots
 - Strawberry Marks
 - Stork Bite
 - Mongolian Spot

Skin Assessment

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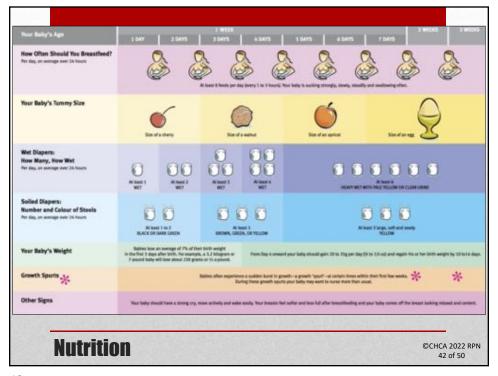
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When the infant can:

- · Hold their head steadily
- · Sit up and lean forward
- · Open mouth wide when food is offered
- · Inform when they are full (i.e. turn head away)
- · Pick up food and place in their mouth
- Introduce solid foods as early as 4 months, but ideally no later than 6 months of age. Begin with savory foods, before introducing sweet.
- Along with breast milk offer solid foods which are iron-rich and a variety
 of soft textures such as lumpy and tender-cooked, and finely minced,
 pureed, mashed or ground.
- Minced traditional/country meats can be introduced at this time as well.

When to start which foods?

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Well cooked meat and meat alternatives

 Beef, chicken, turkey, moose, deer, fish, pork, whole egg, tofu, beans, lentils, chickpeas

Iron-fortified cereals

- Rice, oat, barely, wheat and mixed infant cereals
 Cow's Milk and milk products
- Can be introduced around one year

Monitor for choking hazards: cut hotdogs, grapes etc. into smaller pieces



Nutrition

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- Include common allergy causing foods by 12 months in an age appropriate form, such as well cooked egg and smooth peanut butter/paste.
- These foods include egg, peanut, cow's milk (dairy), tree nuts, soy, sesame, wheat, fish and other seafood.
- Introduce the mid-day meal, in the middle of the week (in case a reaction occurs, quick access to medical services)
- · Continue to give these foods twice weekly as part of a varied diet.

Introduction of Allergenic Foods

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Safety Reminders

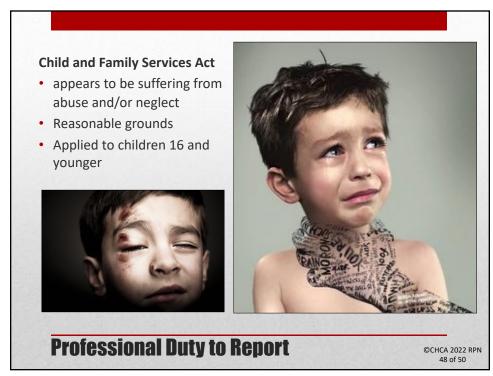
- Smoke / CO alarms
- Medications and cleaning supplies
- Firearm security
- Water safety
- CSA approved cribs
- · Avoid bed-sharing
- Car Seat use is promoted, and is the law off-reserve

Safe Practices

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