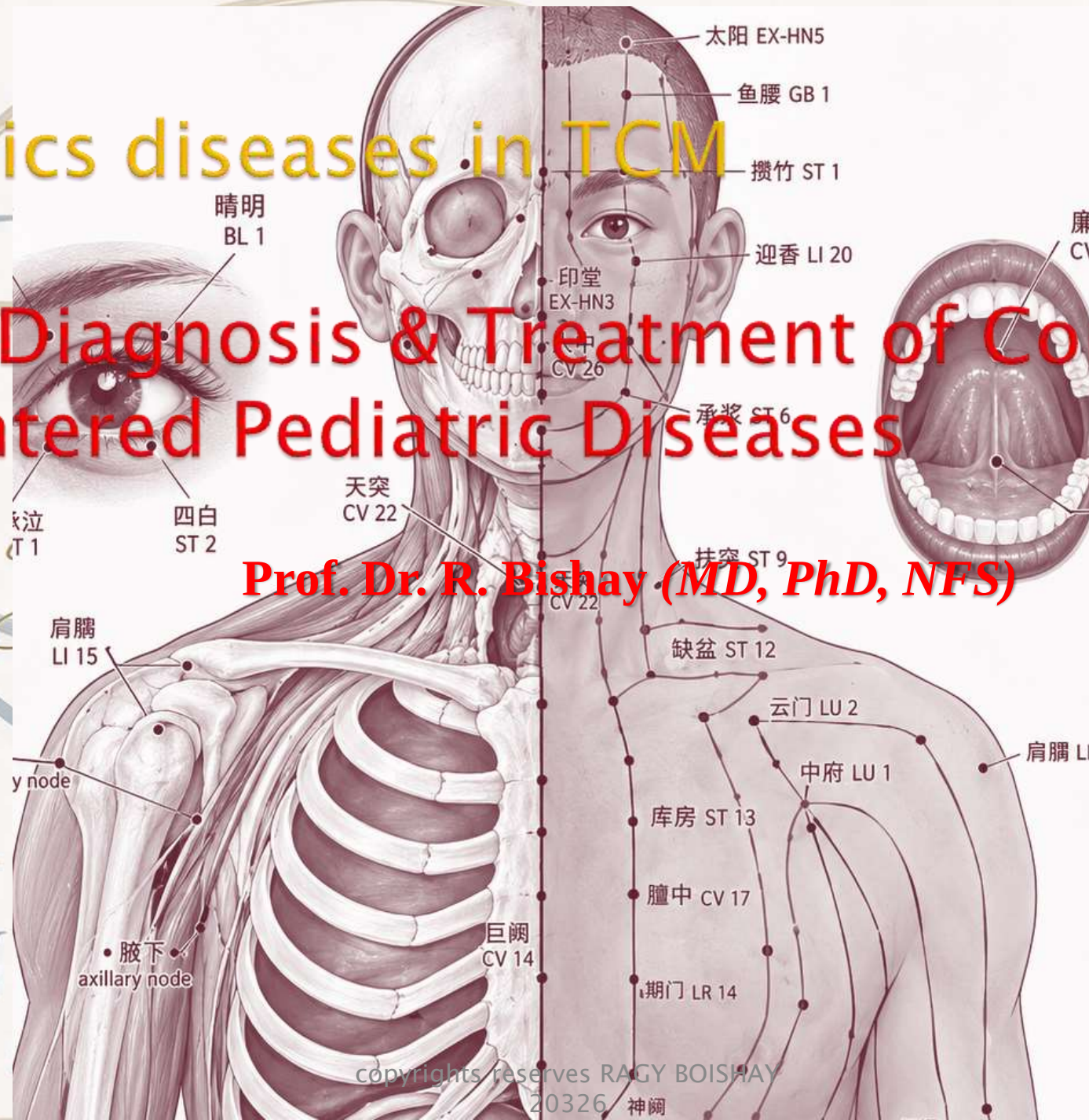


Pediatrics diseases in TCM

2-The Diagnosis & Treatment of Commonly Encountered Pediatric Diseases

Prof. Dr. R. Bishay (MD, PhD, NFS)

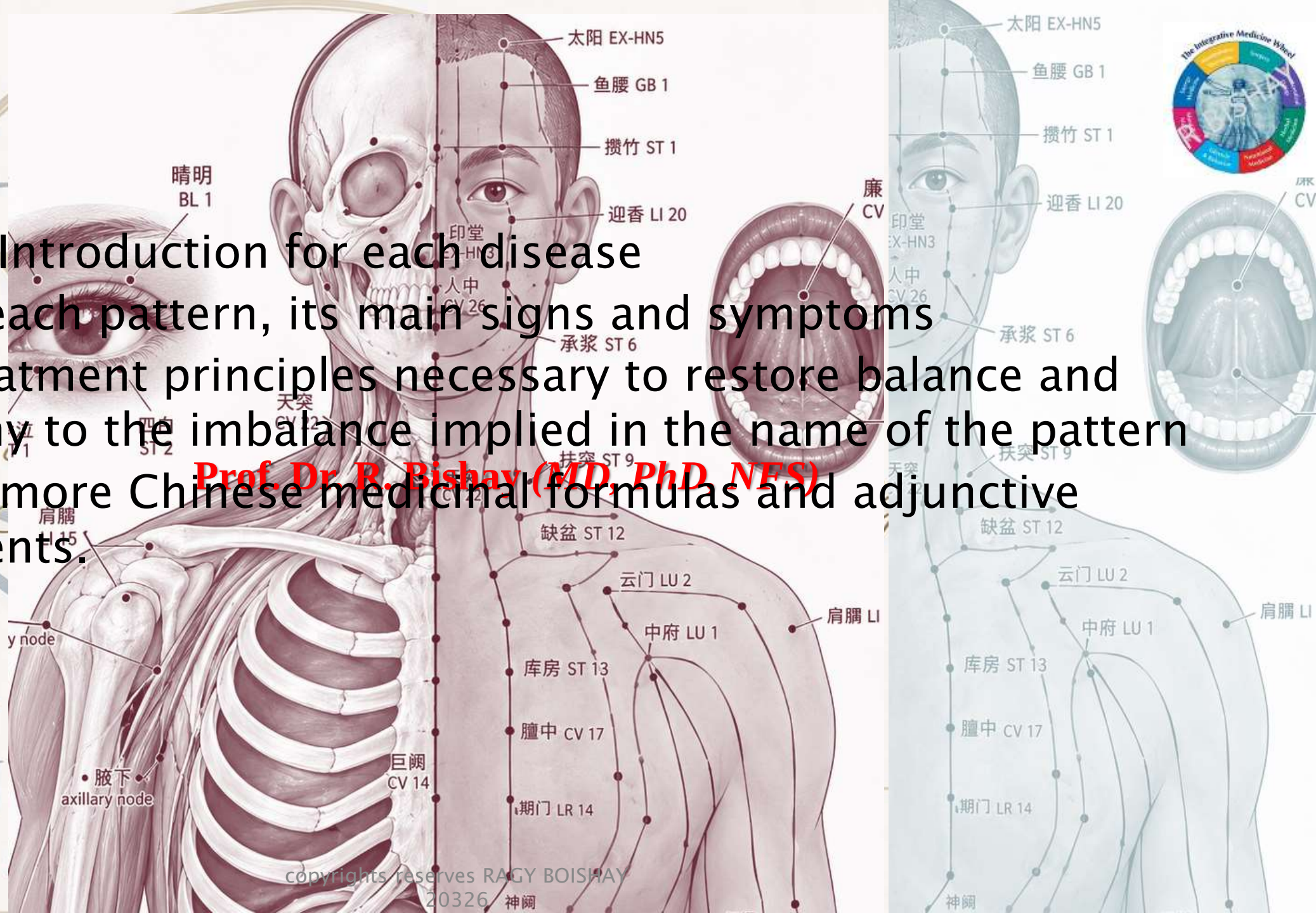


Prof.



- ▶ A brief Introduction for each disease
- ▶ Under each pattern, its main signs and symptoms
- ▶ The treatment principles necessary to restore balance and harmony to the imbalance implied in the name of the pattern
- ▶ One or more Chinese medicinal formulas and adjunctive treatments.

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Identification of patterns and treatment:

Neonatal Jaundice (Yang Jaundice)

Clinical manifestations

1. Yang jaundice

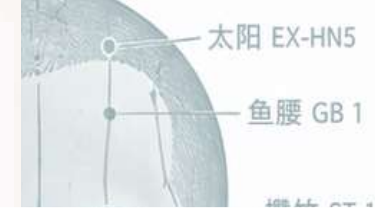
Brightly colored yellow skin and eyes, deep yellow urine, generalized fever or hot to the touch, possible constipation, spirit clouding, vexation and confusion, fatigue, lack of strength, no desire to eat or drink, abdominal distention and fullness, dry mouth and lips

Treatment principle

Clear heat and eliminate dampness by promoting urination

Treatment:

- Yin Chen Hao Tang
- Yin Chen Hao Tang Jia Jian
- Yin Chen Hao Tang Jia Wei
- Yin Chen Si Ling Tang
- Gan Lu Xiao Du Dan



胃脘

Identification of patterns and treatment:

Neonatal Jaundice (Yin Jaundice)

Clinical manifestations

2. Yin jaundice

Main symptoms: Dull yellow skin and eyes which endures and does not recede, fatigue, Low intake, easy vomiting after eating, loose stools, abdominal distention and fullness, cold limbs, a pale tongue

Treatment principle

Fortify the spleen and warm yang while promoting urination

Treatment:

- Yin Chen Li Zhong Tang
- Yin Chen Li Zhong Tang Jia Jian
- Yin Chen Li Zhong Tang Jia Wei

Identification of patterns and treatment:

Neonatal Jaundice (Stasis Accumulation Jaundice)

Clinical manifestations

3. Stasis accumulation jaundice

Main symptoms: Yellowing of the skin and eyes. The color of the cheeks is relatively bright but otherwise is dark and lusterless. It gets worse as the sun increases. There is right-sided glomus and lumpiness which is somewhat hard, abdominal distention and fullness, lassitude of the spirit, torpid intake, easy vomiting after eating, short, yellowish urine, greyish white stools, the possible appearance of static macules, ejection of blood, dark red lips, possible static spots on the tongue, and yellow tongue fur.

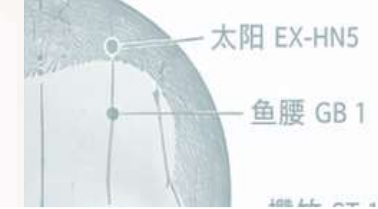
Treatment principle

Transform stasis and disperse accumulation

Treatment:

–Xue Fu Zhu Yu Tang

****Severe neonatal jaundice** which does not respond to sunlight, water, rubbing of the abdomen, and/or Chinese herbal medicine does need to be treated by Western medicine, possibly including exchange blood transfusion. If left untreated, severe neonatal hyperbilirubinemia may result in brain damage, seizures, and even death. Therefore, if the jaundice is severe, a Western MD should be consulted.



2-Colic:

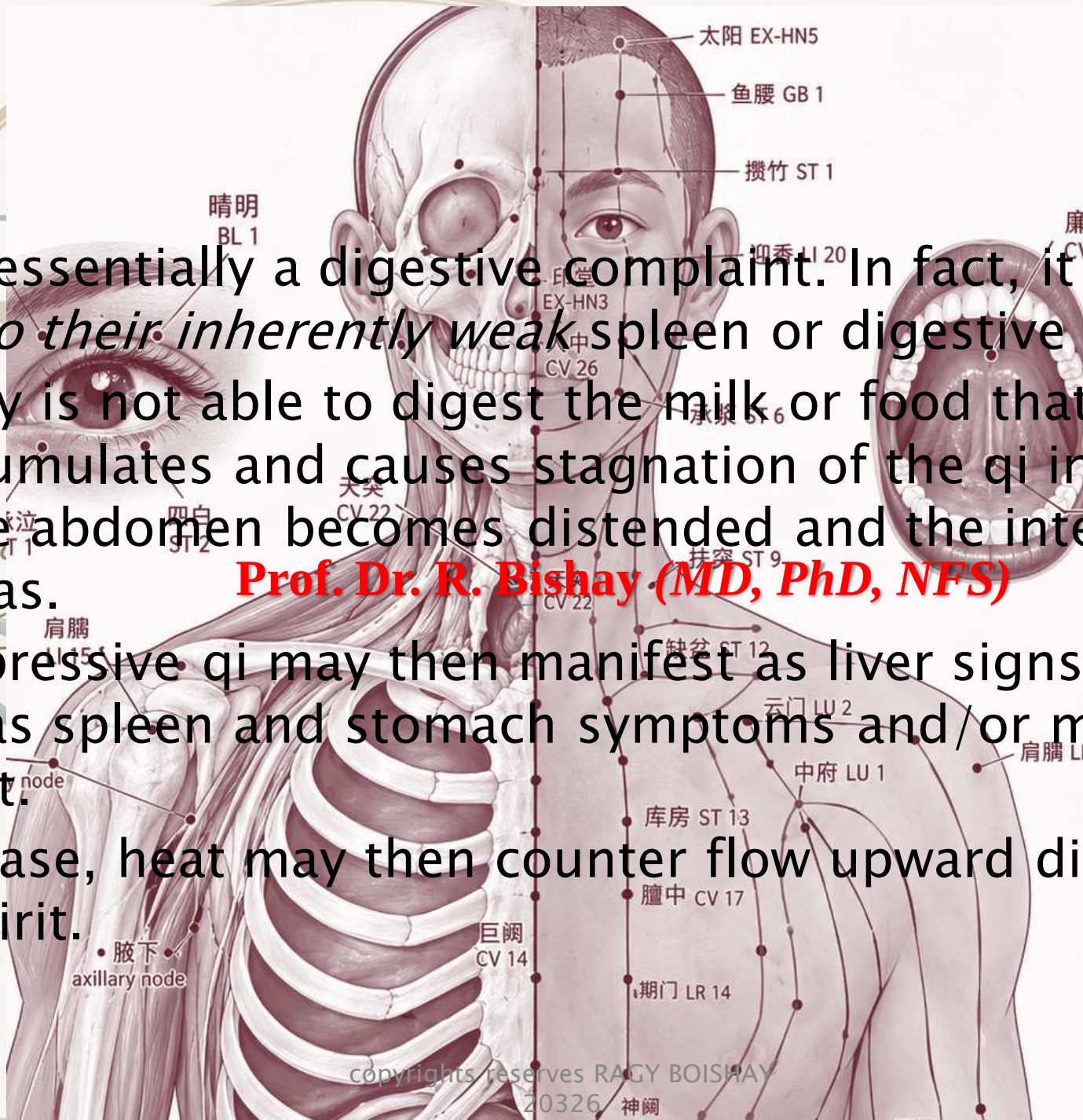
- ▶ May occur anywhere from a few days to a few weeks after birth
- ▶ May last from a couple of weeks to several months
- ▶ Colic refers to gas pains in infants.
- ▶ The child cries and characteristically pumps their legs against their abdomen.
- ▶ The baby will want to be carried, held, and moved about.
- ▶ If and when the child passes gas, their crying diminishes or disappears.
- ▶ Usually the crying begins in the late afternoon or early evening and then may continue on through much of the night.

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- ▶ Colic is essentially a digestive complaint. In fact, it is *indigestion*. If, due to their inherently weak spleen or digestive power.
- ▶ The baby is not able to digest the milk or food that they are given, this accumulates and causes stagnation of the qi in the abdomen. Thus the abdomen becomes distended and the intestines become full of gas.
- ▶ This depressive qi may then manifest as liver signs and symptoms as well as spleen and stomach symptoms and/or may transform into heat.
- ▶ In that case, heat may then counter flow upward disturbing the heart spirit.

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Background image of a human figure with Chinese medical diagrams and text overlays. The figure is a composite of several anatomical and medical illustrations. On the left, there is a detailed drawing of a human eye with labels like '睛明 BL 1' and '四白 ST 2'. In the center, there is a drawing of a human face and upper torso with various acupuncture points labeled in Chinese and English, such as '太阳 EX-HN5', '鱼腰 GB 1', '攒竹 ST 1', '迎香 LI 20', 'EX-HN3', 'CV 26', '承浆 ST 6', '天突 CV 22', '扶突 ST 9', '缺盆 ST 12', '云门 LU 2', '中府 LU 1', '库房 ST 13', '膻中 CV 17', '期门 LR 14', '巨阙 CV 14', '腋下一 axillary node', and '神阙'. On the right, there is a drawing of a human mouth showing the tongue and throat area. The text 'copyrights reserves RAGY BOISHAY 20326' is visible at the bottom center.

Identification of patterns and treatment:

Hot colic
(a.k.a. heart channel accumulation & heat or heart/spleen accumulation & heat)

Clinical manifestations

A red face when crying, hands and feet warm or hot to the touch, a loud, energetic cry, abdominal distention, vexation and agitation, pumping of the legs to the abdomen

Treatment principle

Disperse accumulation and clear heat

Treatment:

- Bao He Wan (Protect Harmony Pills)
- Dao Chi San Jia Jian (Abduct the Red Powder with Additions & Subtractions)



Identification of patterns and treatment:

Cold colic (a.k.a. spleen viscus vacuity cold)

Clinical manifestations

A pale facial complexion, a blue vein at the bridge of the nose, cold hands and feet, lassitude of the spirit, a forceless cry, possible vomiting of milk after eating, possible loose stools, torpid intake

Treatment principle

Disperse accumulation and tonify the spleen

Treatment:

- Xiao Jian Zhong Tang (Minor Fortify the Center Decoction) plus Li Zhong Tang (Rectify the Center Decoction)
- Jian Pi Wan Jia Jian (Fortify the Spleen Pills with Additions & Subtractions)
- Wu Yao San (Lindera Powder)

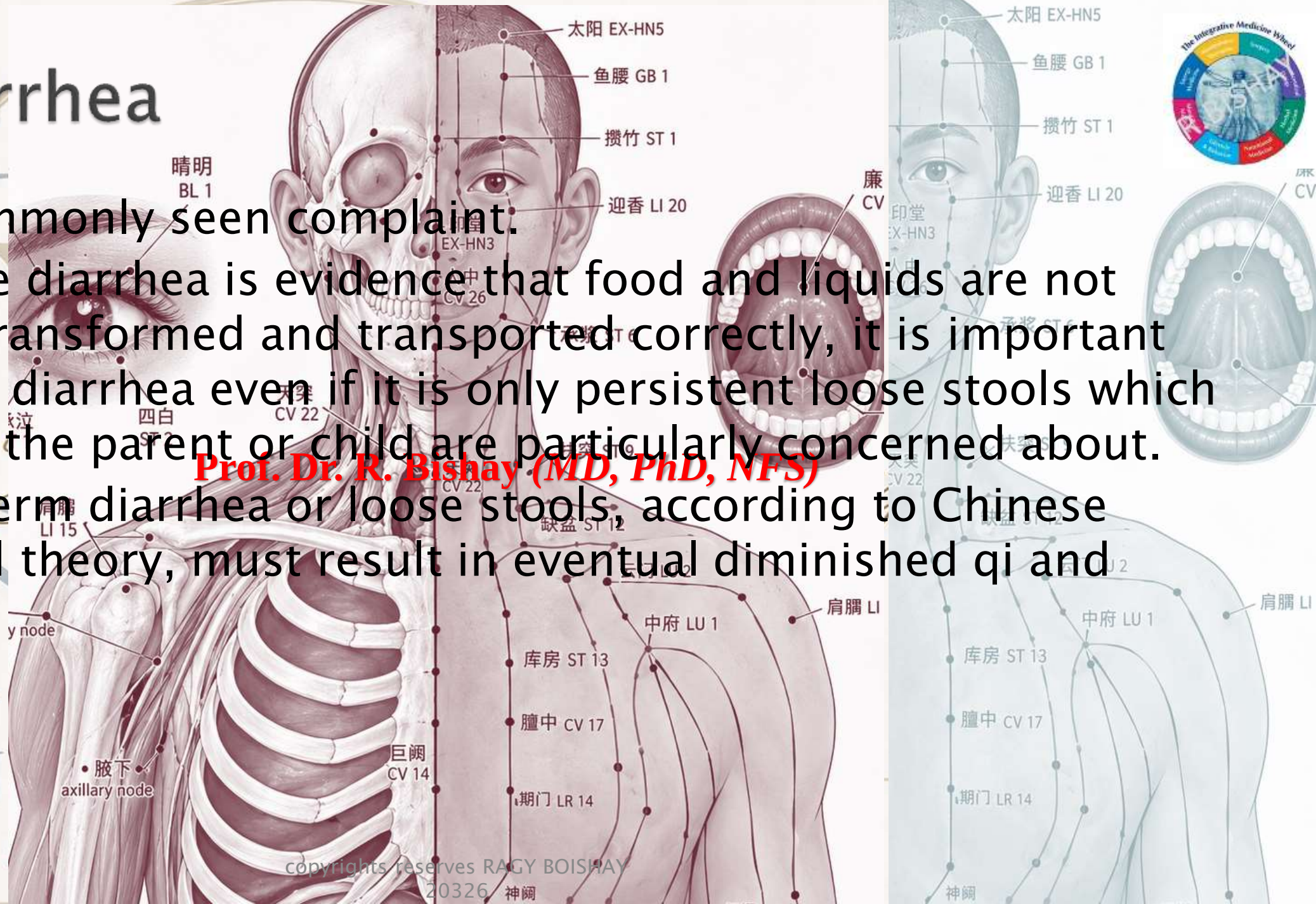
(a.k.a. liver depression with counter flowing upward and harassing of the heart spirit)

Clinical manifestations	Treatment:
Essence spirit disquietude, <i>i.e., emotional restlessness, night crying</i> , frightened looking eyes when crying, loose stools which are greenish in color and may smell like rotten eggs, either a red or a grayish, greenish facial complexion	<p>–Zhu Sha An Shen Wan Jia Wei (Cinnabar Quiet the Heart Pills with Added Flavors)</p> <p>–Acupuncture: Ren-8 (Moxa), Si feng</p> <p>–If colic is treated at its root by using Chinese medicine both preventively and remedially, this can help prevent other health problems from occurring later on which also develop out of food stagnation and a weak spleen engendering dampness, phlegm, and pathological heat.</p>
Treatment principle	
Settle fright and quiet the spirit, clear heat and disperse accumulation	

3. Diarrhea

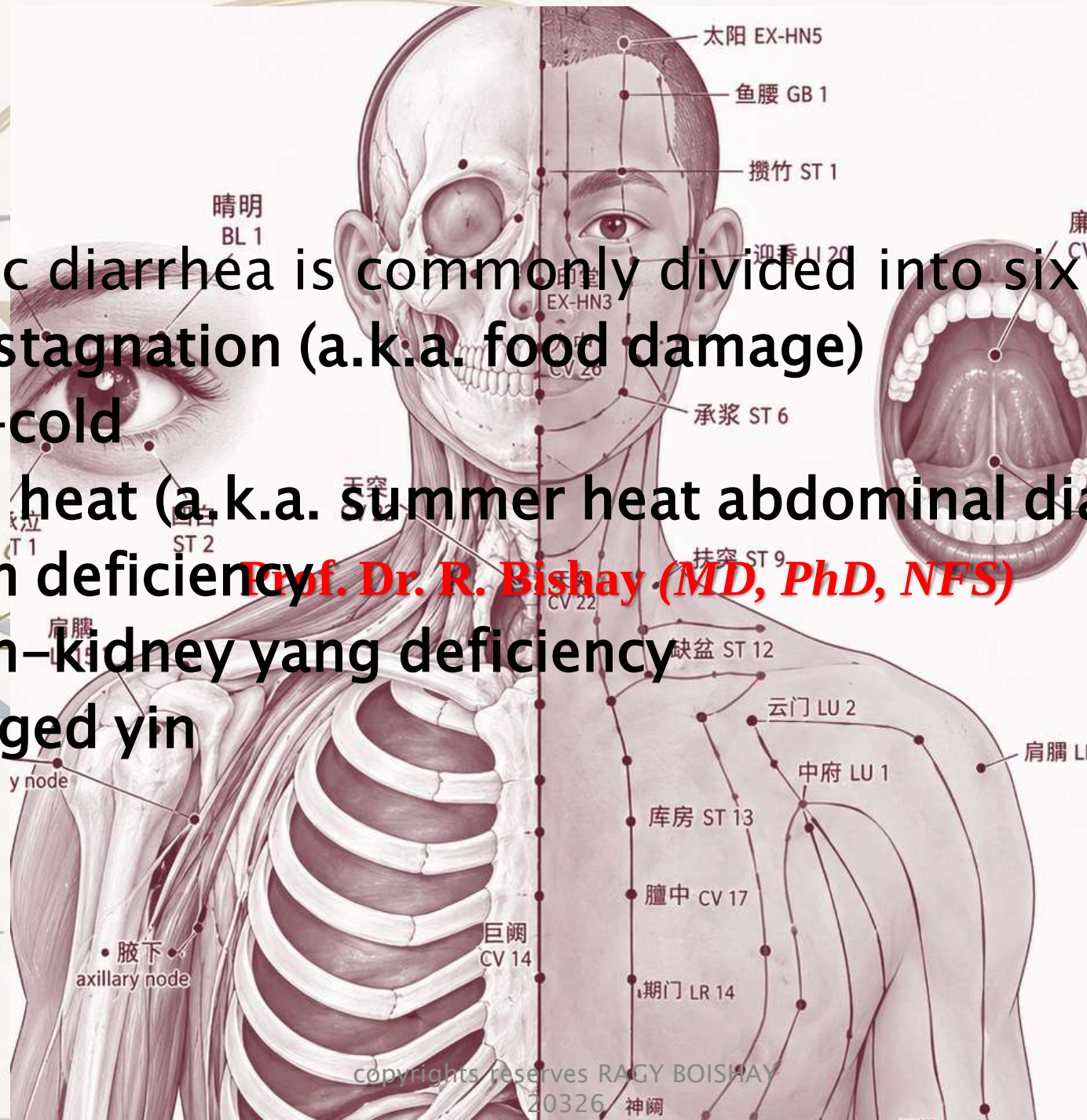
- ▶ Is a commonly seen complaint.
- ▶ Because diarrhea is evidence that food and liquids are not being transformed and transported correctly, it is important to treat diarrhea even if it is only persistent loose stools which neither the parent or child are particularly concerned about.
- ▶ Long-term diarrhea or loose stools, according to Chinese medical theory, must result in eventual diminished qi and blood.

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- ▶ Pediatric diarrhea is commonly divided into six main patterns:
1. Food stagnation (a.k.a. food damage)
 2. Wind-cold
 3. Damp heat (a.k.a. summer heat abdominal diarrhea)
 4. Spleen deficiency
 5. Spleen-kidney yang deficiency
 6. Damaged yin

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Identification of patterns and treatment:

1 – Food stagnation (a.k.a. food damage)

Clinical manifestations

Main symptoms: Abdominal pain and distention, pain relieved by diarrhea, sour, foul-smelling stools, bad breath, acid eructation, possible desire to vomit, no thought for food or milk, restless sleep, possible night-crying
Tongue: thick, slimy or slightly yellow tongue fur
Pulse: slippery / a purplish, engorged vein at the wind bar

Treatment principle

Disperse food, eliminate stagnation, and stop diarrhea

Treatment:

- Bao He Wan (Protect Harmony Pills)
- Bao He Wan Jia Jian (Protect Harmony Pills with Additions & Subtractions)
- Xiao Ru Wan (Disperse Milk Decoction)
- Shang Shi Fu Tong Zhi Xie Tang (Food Damage Abdominal Pain, Stop Diarrhea Decoction)
- Xiao Shi Hua Ji Yin (Disperse Food & Transform Accumulation Beverage)

Identification of patterns and treatment:



2-Wind-Cold

Clinical manifestations	Treatment:
<p>A white facial complexion, lassitude of the spirit, chilled limbs, abdominal pain, intestinal noises, clear, watery stools with no foul odor, possible aversion to cold with fever,</p> <ul style="list-style-type: none">–thin, white or white, slimy tongue fur–a soggy, fine pulse	<ul style="list-style-type: none">–Huo Xiang Zheng Qi San Jia Jian (Pogosternon Correct the Qi powder with Additions & Subtractions)–He Qi Yin (Harmonize the Qi Beverage)–Wei Ling Tang (Stomach Poria Decoction)–Cang Ling Tang (Atractylodis & Poria Decoction)
Treatment principle	
expel wind, scatter cold, and stop diarrhea	



神阙 LI



Identification of patterns and treatment:

3-Damp heat (a.k.a. Summer heat abdominal diarrhea)

Clinical manifestations

Watery, thin stools colored deep yellow with a foul odor, possible explosive discharge, redness and burning around the anus, occasional abdominal pain, devitalized desire for food, possible nausea, fever or no fever, oral thirst, short, yellow urine, bodily fatigue,
–Slimy, yellow tongue fur,
–A slippery, rapid pulse

Treatment principle

Clear heat, resolve dampness, and stop diarrhea

Treatment:

- Ge Gen Qin Lian Tang Jia Wei (Pueraria, Scutellaria & Coptis Decoction with Added Flavors)
- Ge Gen Qin Lian Tang Jia Wei (Pueraria, Scutellaria & Coptis Decoction with Added Flavors)
- Ge Gen Qin Lian Tang Jia Jian (Pueraria, Scutellaria & Coptis Decoction with Additions & Subtractions)
- Qing Re Li Shi Tang (Clear Heat & Disinhibit Dampness Decoction)

Identification of patterns and treatment:



4. Spleen deficiency

Clinical manifestations	Treatment:
<p>Enduring diarrhea which does not heal, loose stools, undigested water and grains, diarrhea after eating, light colored stools with no foul odor, a sallow yellow facial complexion, emaciated, thin muscles and flesh, lassitude of the spirit, Listlessness</p> <p>–A pale tongue with white fur</p> <p>–A soft, forceless pulse or a prominent blue vein at the root of the nose</p>	<p>–Qi Wei Bai Zhu San Jia Wei (Seven Flavors Atractylodes Powder with Added Flavors)</p> <p>–Shen Ling Bai Zhu San (Ginseng, Poria & Atractylodes Powder)</p>
Treatment principle	
<p>Tonify the spleen, warm the center, and stop diarrhea</p>	



胃脘



Identification of patterns and treatment:

5. Spleen–kidney yang deficiency

Clinical manifestations

Enduring diarrhea which will not stop, if severe, possible anal prolapse, diarrhea after eating, clear, watery stools, undigested food in the stools, a cold body and chilled limbs, a white facial complexion, lassitude of the essence spirit, a fat

- Pale tongue with thin, white fur
- A fine, weak, or deep, weak pulse or a blue vein at the root of the nose

Treatment principle

Warm the spleen and kidneys, stop diarrhea

Treatment:

–Fu Zi Li Zhong Tang (Aconite Rectify the Center Decoction) plus Si Shen Wan (Four Spirits Pills) with additions and subtractions

–

Identification of patterns and treatment:



6. Damaged yin

Clinical manifestations

Enduring diarrhea which has damaged yin fluids, lassitude of the essence spirit, vexation and agitation, dry, parched skin, sunken eyes and fontanel, diarrhea of yellow water, short, scanty urination, dry mouth, red lips

- A scarlet red tongue with no fluids
- A minute, rapid pulse

Treatment principle

Clear heat, nourish yin, and stop diarrhea

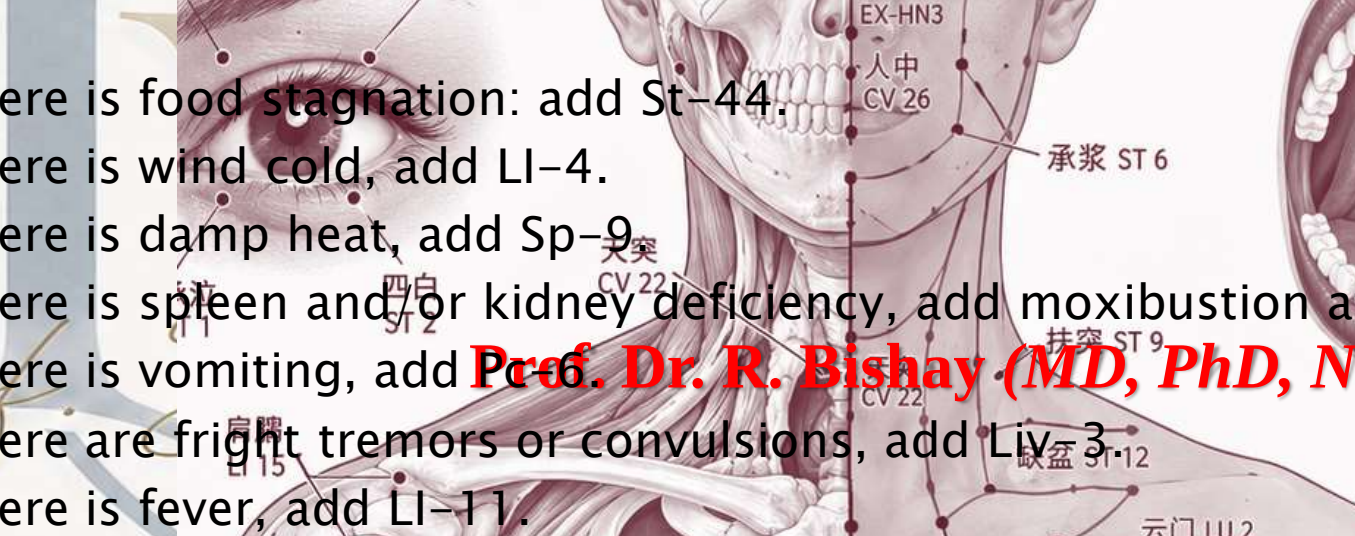
Treatment:

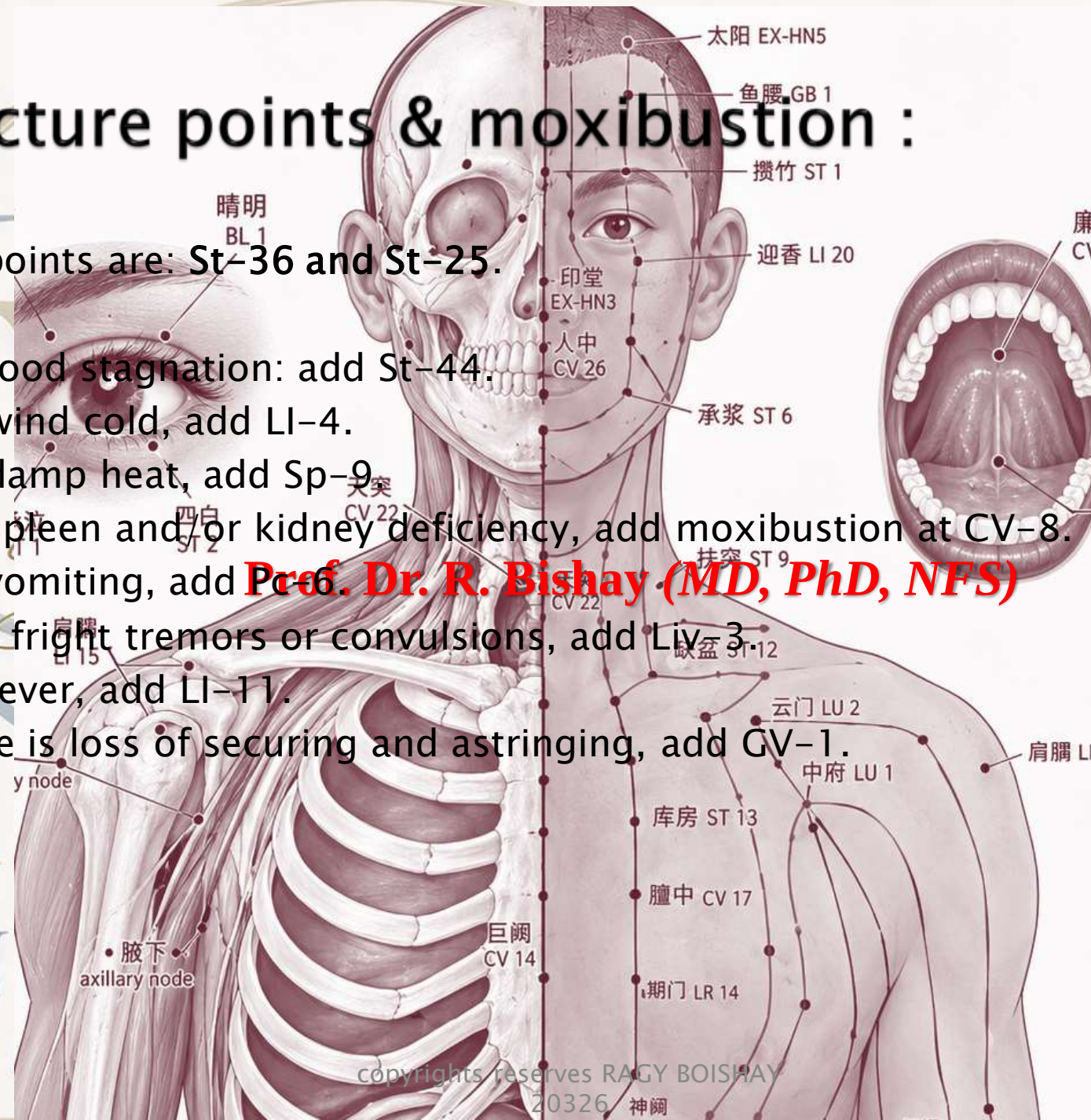
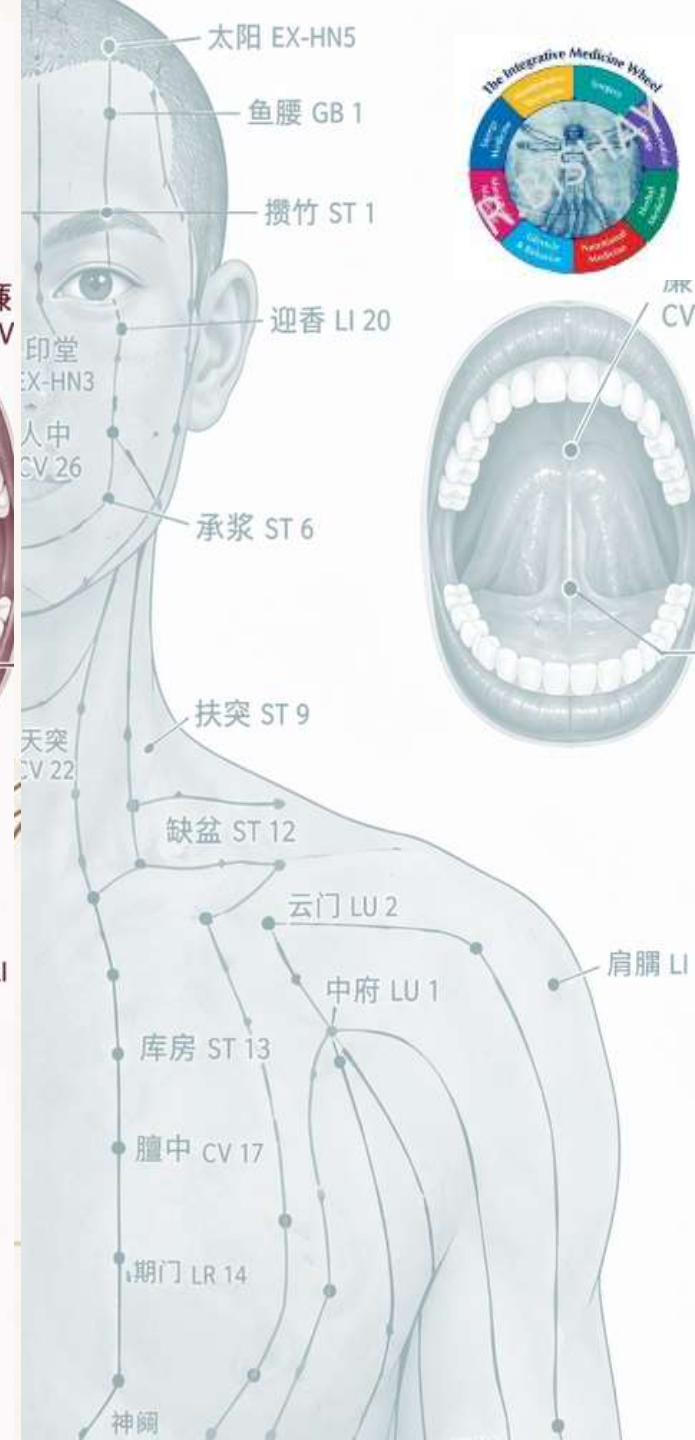
-Lian Mei Tang Jia Jian (Coptis & Mume Decoction with Additions & Subtractions)

-



Acupuncture points & moxibustion :

- 
- The main points are: St-36 and St-25.
- ▶ If there is food stagnation: add St-44.
 - ▶ If there is wind cold, add LI-4.
 - ▶ If there is damp heat, add Sp-9.
 - ▶ If there is spleen and/or kidney deficiency, add moxibustion at CV-8.
 - ▶ If there is vomiting, add **Prof. Dr. R. Bishay (MD, PhD, NFS)** Pc-6.
 - ▶ If there are fright tremors or convulsions, add Liv-3.
 - ▶ If there is fever, add LI-11.
 - ▶ And if there is loss of securing and astringing, add GV-1.



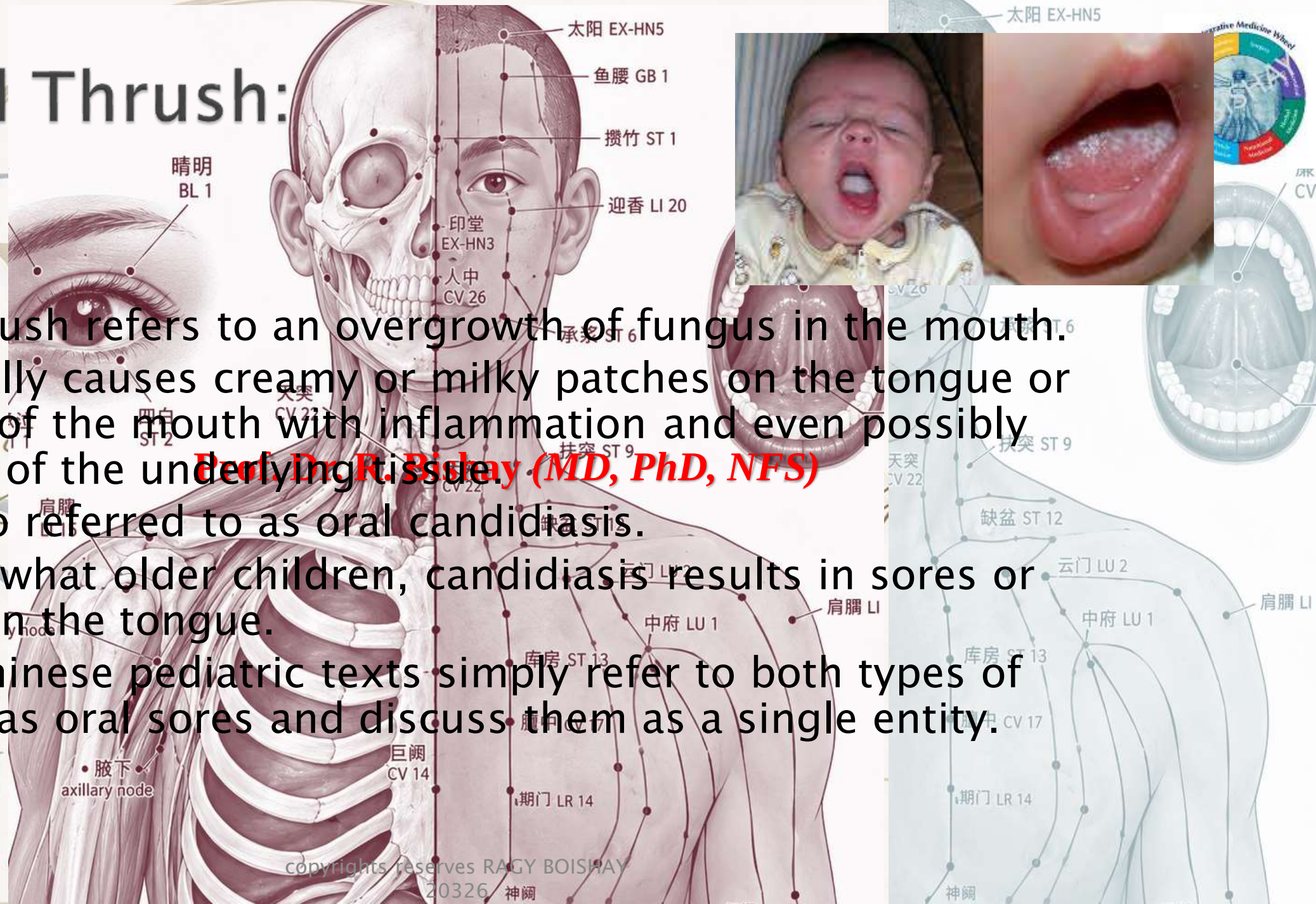
4-Oral Thrush:

- ▶ Oral thrush refers to an overgrowth of fungus in the mouth.
- ▶ It typically causes creamy or milky patches on the tongue or insides of the mouth with inflammation and even possibly erosion of the underlying tissue.
- ▶ It is also referred to as oral candidiasis.
- ▶ In somewhat older children, candidiasis results in sores or ulcers on the tongue.
- ▶ Most Chinese pediatric texts simply refer to both types of lesions as oral sores and discuss them as a single entity.

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Identification of patterns and treatment:

1. Spleen–stomach accumulation & heat

Clinical manifestations

If heat is more pronounced, there are numerous sores and lesions in the oral cavity with red borders, local pain, refusal to eat, vexation and agitation, excessive crying, foul mouth odor, short, yellow urination, dry, bound stools, possible fever and a red face, a red tongue with yellow fur, and a slippery, rapid pulse.

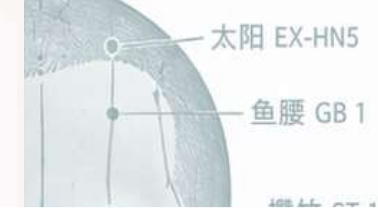
If dampness is more pronounced, there is bad breath, loose, foul-smelling stools, a white, slimy coating or membrane over the mouth with possible red borders, excessive crying, and excessive drooling.

Treatment principle

Clear heat and resolve toxins, open the bowels and drain fire

Treatment:

- Liang Ge San (Cool the Diaphragm Powder)
- Liang Ge San Jia Jian (Cool the Diaphragm Powder with Additions & Subtractions)
- Gan Lu Xiao Du Dan Jia Jian (Sweet Dew Disperse Toxins Elixir with Additions & Subtractions)
- Zhong Bai Zhu Ye Tang (Sedimen Urinae & Lophaterum Decoction)



神阙

Identification of patterns and treatment:

2. Heart fire upward flaring

Clinical manifestations

Ulcers and lesions on the tip or top of the tongue which are red in color and are painful, desire to eat but difficulty swallowing, heart vexation, restlessness, dry mouth, desire to drink, short, reddish urination, a red tongue with an even redder tip and thin, yellow fur, a fine, rapid pulse

Treatment principle

Clear the heart and drain fire

Treatment:

- Xie Xin Dao Chi Tang (Drain the Heart & Abduct the Red Decoction)
- Qing Re Xie Pi San (Clear Heat & Drain the Spleen Powder)
- Qing Re Xie Pi San Jia Jian (Clear Heat & Drain the Spleen Powder with Additions & Subtractions)
- Qing Re Xie Huo Tang (Clear Heat & Drain Fire Decoction)

Identification of patterns and treatment:

3. Qi & yin dual deficiency (a.k.a. vacuity fire harassing above)

Clinical manifestations

Mouth and tongue sores and ulcers after a warm disease or in a patient with constitutional insufficiency of yin, small, scattered, pale-colored lesions with no severe aching or pain, clear drool running from the mouth, emaciation, a weak body, lassitude of the spirit, red cheeks, a dry mouth but no thirst, loose stools, pale oral mucosa, a pale tongue with white fur, a fine, soft pulse

Treatment principle

Nourish yin and boost the qi

Treatment:

–Liu Wei Di Huang Wan Jia Wei (Six Flavors Rehmannia Pills with Added Flavors)

▶ Acupuncture & moxibustion

- ▶ Needle LI-4, TB-17, St-6, and SI-17.
- ▶ If there is fever, add LI-11 and GV-14.
- ▶ If there is testicular swelling and pain, add Sp-6 and Sp-10.
- ▶ If there is sore throat, bleed Lu-11 and/or LI-1.
- ▶ In addition, the center of the swollen gland may be needled up to a depth of 2.5 inches, or the swollen gland may be pricked to bleed at the upper, middle, and lower parts of the swelling. If the latter method is used and the child will permit it, cup over these last three bled points to increase treatment efficacy.

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