SCALP ACUPUNCTURE

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****PLEASE SILENCE YOUR CELL PHONE****

HISTORY OF SCALP ACUPUNCTURE

- Scalp acupuncture is a needling method that treats diseases by puncturing certain acupoints on the scalp.
- The origin of scalp acupuncture can be traced back thousands of years.
- In various chapters, the Miraculous Pivot described the head and scalp as a major area where qi and blood converge. It is the meeting place of numerous regular channels, luo channels, extraordinary channels, muscle regions and cutaneous regions.
- A lot of acupoints located on the scalp along these channels and they are often used with body acupoints.

HISTORY OF SCALP ACUPUNCTURE

 Beginning in the fifties, scalp acupuncture began to emerge as a special therapeutic modality.

 The book <u>New Acupuncture Therapies and Physiological</u> <u>Functions</u>, 1935 by Xuelong Huang introduced the relationship between the scalp and the functions of the cerebral cortex.

The therapeutic effects were positive for cerebrogenic diseases.

HISTORY OF SCALP ACUPUNCTURE

 The National Acupuncture and Moxibustion Association of China, under the commission of the WHO, formed the International Standard of Scalp Acupuncture in 1984.

 Dr. Ming Qing Zhu, who developed his own popular scalp acupuncture system, was an active participant of the International Standard Committee.

DIFFERENCES

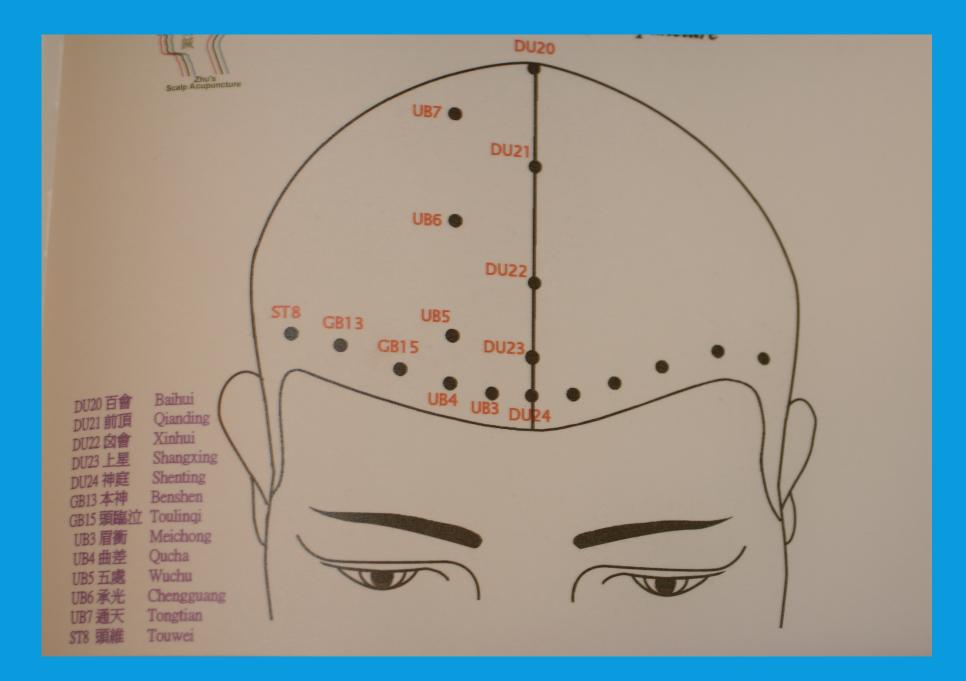
Body Acupuncture & Scalp Acupuncture:
Treatment zones versus acupoints
Needling sensations
Duration of needle retention
Convenience and effectiveness

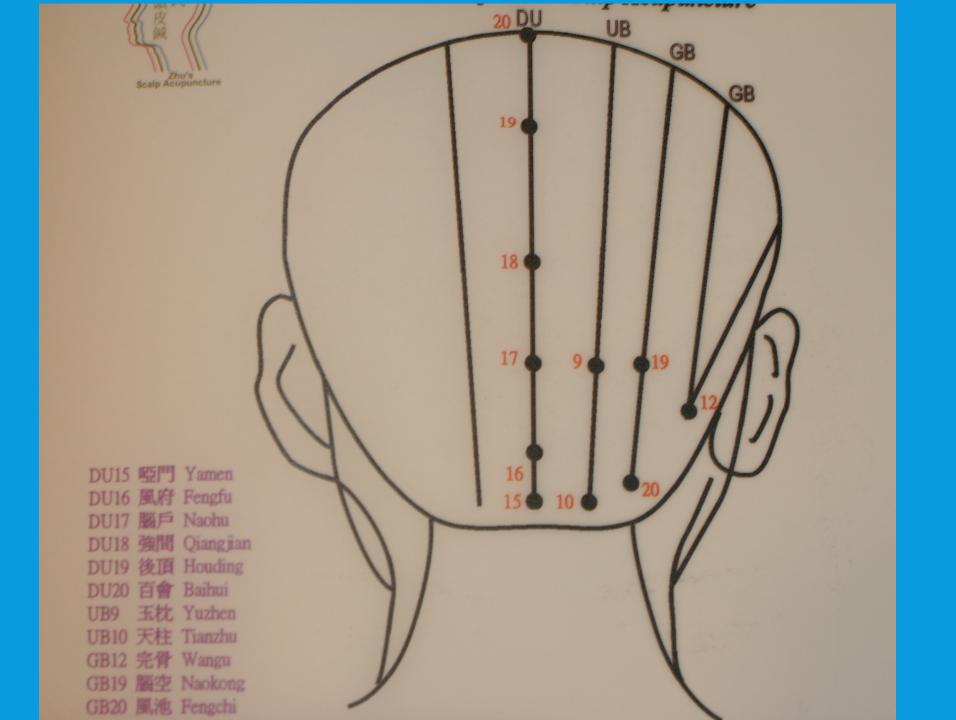
LOCATIONS, FUNCTIONS AND INDICATIONS

 General guidelines: • Du20 is the center point Du meridian is the center line • Left side governs qi Right side governs blood Anterior half governs yin Posterior half governs yang

LOCATIONS, FUNCTIONS AND INDICATIONS

- Landmarks:
 - Du 24 (Shenting) = nose
 - Du 22 (Xinhui) = center of chest between nipples
 - Du 21 (Qianding) = umbilicus
 - Du 20 (Baihui) = perineum
 - Du 19 (Houding) = T-3 vertebra
 - Du 18 (Qiangjian)= L-2 vertebra
 - Du 17 (Naohu) = coccyx





TREATMENT ZONES

- Areas on the scalp, named according to their target:
- Head and Face Area <HF>
- Upper Jiao Area <UJ>
- Middle Jiao Area <MJ>
- Lower Jiao Area <LJ>
- Vertex, Perineum, Foot Area <VPF>
- Cervical Area <*C*>
- Thoracic Area <T>
- Lumbar Area <L>
- Sacral Area <S>
- Hip Area <H>
- Shoulder Area <Sh>

TREATMENT ZONES

- Lower Limb Area <LL>
- Upper Limb Area
- Upper Abdomen Area <UA>
- Lower Abdomen Area <LA>
- Frontal-temporal Area <FT>
- Auricle-temporal Area <AT>
- Occipital-temporal Area <OT>
- Occiput Area <o>

FACTORS AFFECTING HEALING

Immobilization
Old Age
Poor Circulation
Nutrition
Health

PROPER SCALP TECHNIQUE

Needle location
 Mind/concentration
 Qi
 Dao Yin
 Results

• Needles:

- stainless steel filiform needles
- gauge 32 34
- Iength 1.2 1.5 " (shorter needles (0.5") for infants)
- Special scalp needles are available at Zhu's Acupuncture Center

Patient Posture Positions

 a) Sitting
 b) Standing
 c) Lying down (if patient tends to faint easily)

Practitioners:

 a)Usually stand facing the patient
 b)Positions oneself to locate points accurately and conveniently

Selecting treatment areas:
Based on correct diagnosis

Sterilization:Routine procedure

- Insertion
 - Speed: break through the skin fast then slowly push
 - •Angle: 15 30 degrees
 - Depth: 0.3 1"
 - Needle should reach the subaponeurotic layer of the scalp

- Get qi:
 - Patient: should not feel any sensation or discomfort.
 - Practitioner: should feel needle resistance (not too loose or too tight)
- Manipulation:
 - Techniques
 - Chou Qi method: lifting, reducing method
 - Jin Qi method: thrusting, tonifying method

- Frequency and duration of treatment:
 - Depends on the patient's condition
 - At least one manipulation after insertion and one right before withdrawal.
 - More frequent manipulation treatment and a longer duration for painful or spasmodic or chronic diseases.
 - More treatments are advised if they are not retained.

- Daoyin (Guide Qi)
 - While manipulating the needles, patient should be instructed to do certain exercises or breathing or focusing one's mind.
 - It is essential to bring the qi to the diseased body part in order to achieve the desired therapeutic effects

WHY DAOYIN IS IMPORTANT?

- Collagen fibers remain disorganized
- Tendons & ligaments develop adhesions
- Tendon & ligaments lose elastin, flexability
- Muscles calcify, leads to contracture
- Muscles atrophy
- Bone regeneration & density
- Circulation
- General Health

- Retain needles:
 - 2 to 72 hours, with intermittent manipulation by trained practitioner. (Less for small children)
 - If needles cannot be retained then they must be manipulated more frequently.

Withdraw needles

- Withdraw slowly
 - Stop bleeding with dry clean cotton ball and by applying pressure

Treatment course:

- Depends on patient's conditions
 - Typically 10 treatments once every other day, followed by a 10 to 20 days break
 - More frequent for acute conditions

- Precautions
 - Do not puncture into infants' fontanel
 - Do not puncture into scars, tumors, lesions or inflamed areas

APPLICATIONS OF ZHU'S SCALP ACUPUNCTURE

 Zhu's Scalp Acupuncture can be used effectively in almost every field of medicine including: internal medicine, gynecology, pediatrics, geriatrics, cardiology, EENT and others.

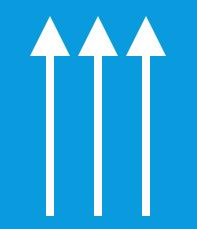
 Results are the most remarkable when treating acute conditions, emergencies, CVA and neurologic disorders.

SUPERFICIAL THREADING

- Parallel needles- for large areas
- Opposing needles
- Adjacent needles
- Converging needles
- Relay Needles
- Crossing Needles

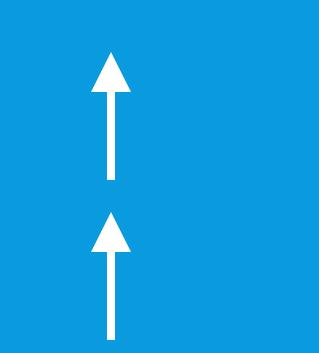
NEEDLES

- Standard needle
 - Upper Jao
 - Middle Jao
 - Lower Jao
 - Cervical
 - Lumbar
 - Thoracic Spine
- Toward Posterior



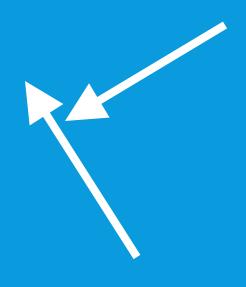


• Relay Needles- for motor



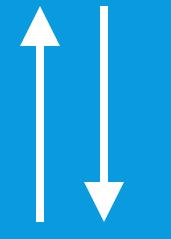


Crossing Needles- Sensory and Motor

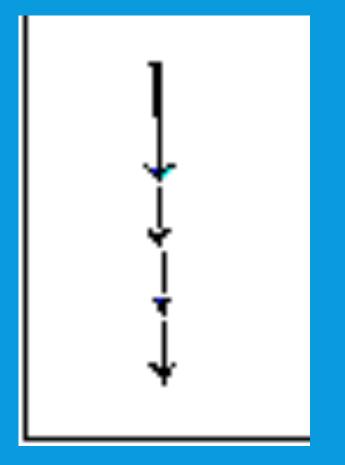




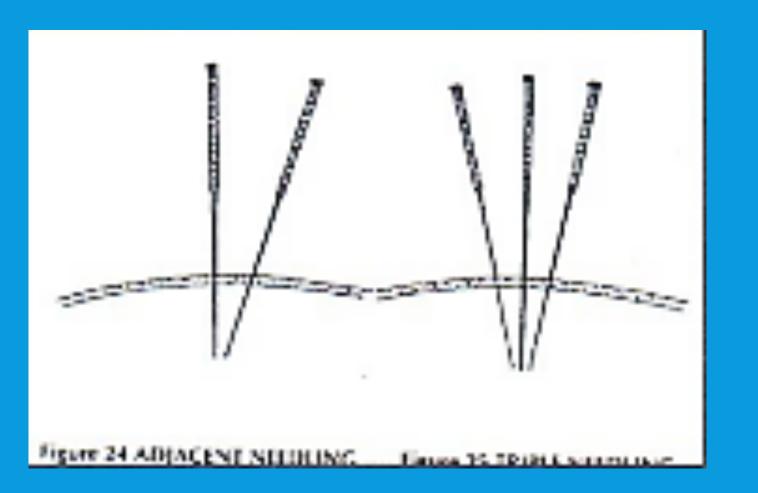
• Opposing needle for organ prolapse



RELAY NEEDLES



ADJACENT & CONVERGING NEEDLES



HEAD & FACE AREA

Location: This 1-cun square centers at Du24 and extends 0.5 cun to its left, right, anterior and posterior. It represents the head and face, with Du24 corresponding to the tip of the nose.
 Generally 1 needle toward the nose

HEAD & FACE AREA

- Functions:
 - Calms spirit
 - Clears mind
 - Sedates and stops fear
 - Benefits throat
 - Opens orifices
 - Stops pain

HEAD & FACE AREA

Indications:

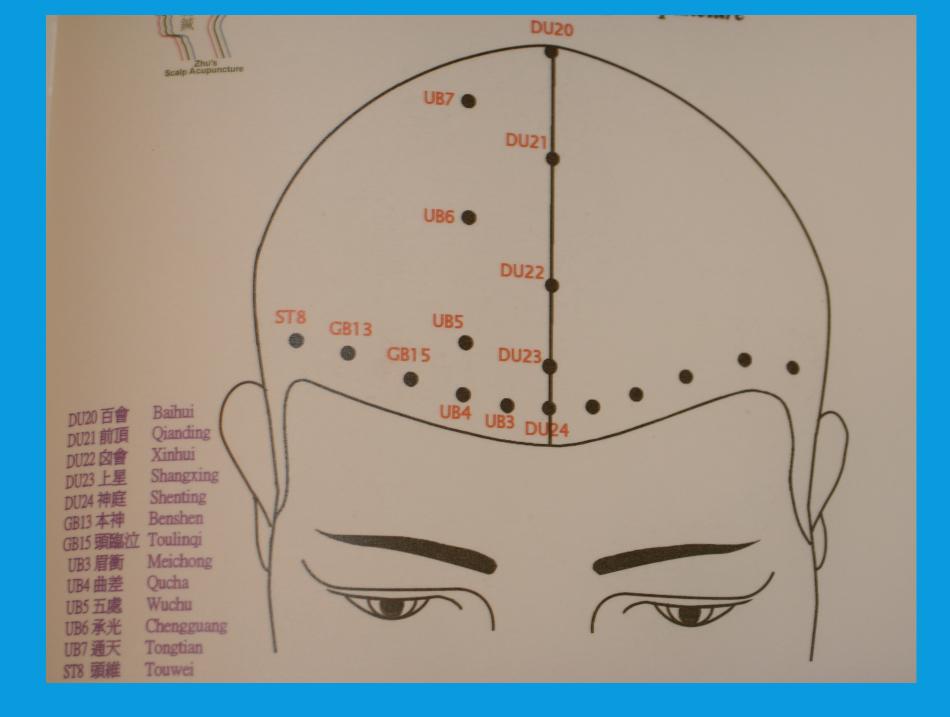
- Mental disorders such as:
 - Disturbance of consciousness
 - Depression
 - Mania
 - Epilepsy
 - Mental retardation
 - Memory loss
 - Nervousness
 - Insomnia
 - Dizziness

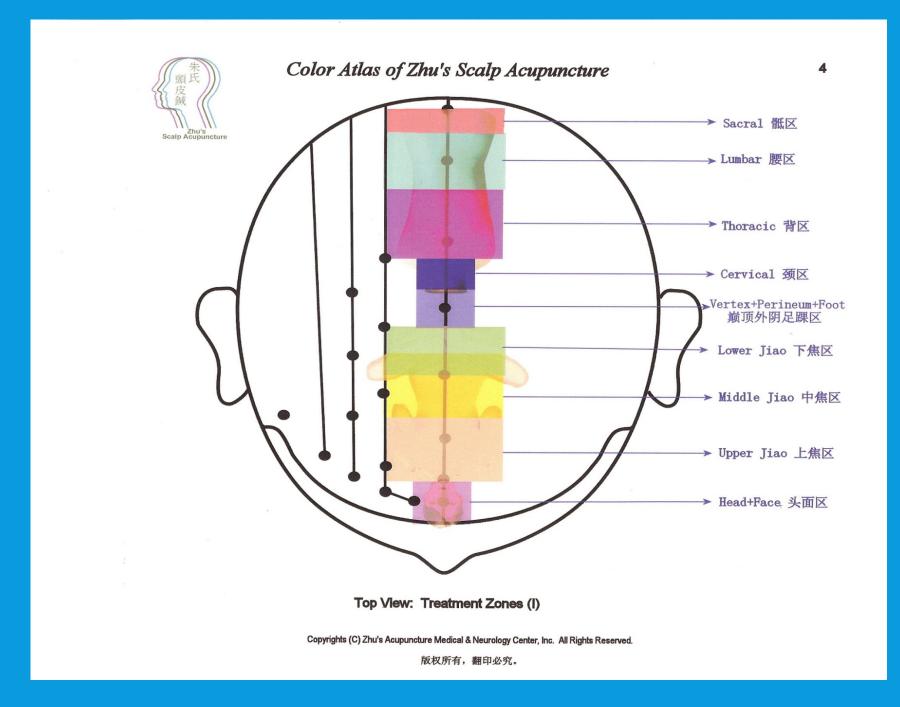
HEAD & FACE AREA

- Face
- Sense organs
- Pharynx
- Larynx
- Mouth and tongue
- Such as headache

HEAD & FACE AREA

- Diseases of the head:
 - Migraine
 - Visual problems
 - Nasal diseases
 - Facial pain
 - Facial palsy
 - Sore throat
 - Hoarse voice
 - Aphasia





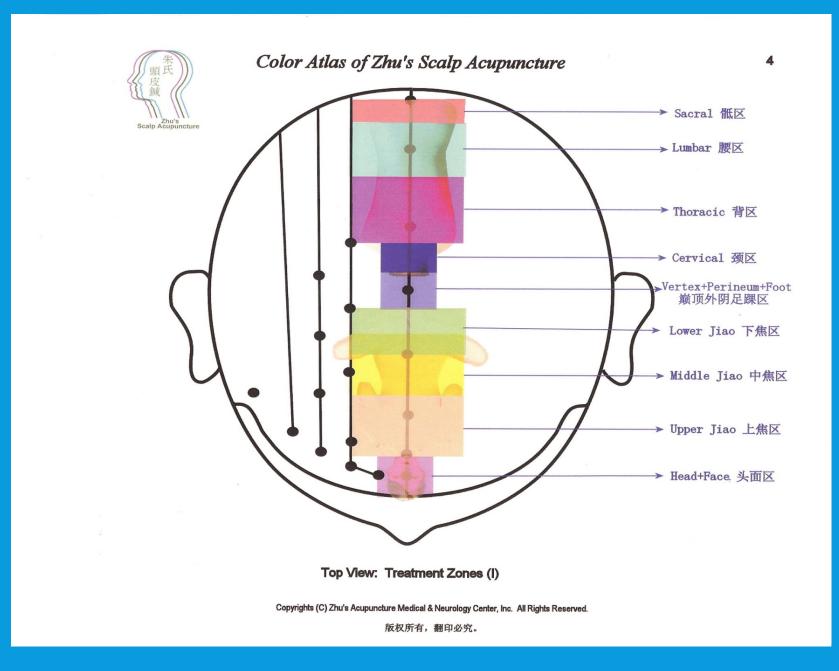
 Location: This area extends 1.5 cun from Du23 towards Du22, and bounded on the sides by the Foot Taiyang Bladder Channels. It represents the upper burner, with Du22 corresponding to the center of the chest between the nipples.

Three needles towards posterior head.

- Functions:
 - Awakens brain
 - Clears mind
 - Calms spirit
 - Clears heart
 - Decongests chest
 - Regulates qi
 - Expels wind
 - Resolves exterior conditions
 - Disperses lung qi
 - Stops cough
 - Unblocks channels
 - Alleviates pain

- Indications for diseases and symptoms of:
 - The heart
 - lungs
 - trachea, diaphragm and the brain
 - such as palpitation
 - irritability
 - insomnia

- Indicated for diseases and symptoms of:
 - poor memory
 - flu
 - cough
 - asthma
 - chest pain
 - hiccup
 - dementia
 - epilepsy



- Location:
- The area extends from 1 cun anterior of Du21 to 0.5 cun posterior of Du21.

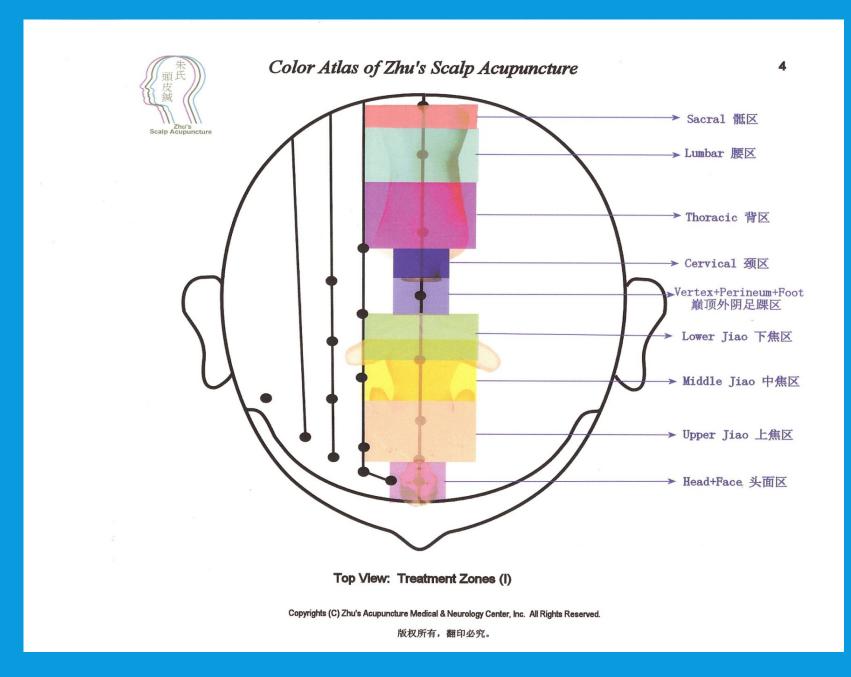
 It is bordered by the Foot Taiyang Bladder Channels. It represents the middle burner with Du21 corresponding to the umbilicus.

• Three needles toward the posterior are used.

- Functions:
 - Harmonizes the stomach
 - Descends rebellious qi
 - Soothes the liver
 - Regulates qi
 - Beneficial to the gallbladder
 - Cleanses the intestines

- Indicated for diseases and symptoms of:
 - The liver
 - Gallbladder
 - Spleen
 - Stomach and intestines, such as stomach ache
 - Hypochondriac pain
 - Belching

- Indications:
- For diseases and symptoms of:
 - Vomiting
 - Diarrhea
 - Anger
 - Agitation
 - Constipation
 - Jaundice
 - Bitter taste
 - Fatigue



LOWER JIAO AREA

 Location: This area, representing the lower burner, starts from Du21 and extends 1 cun posteriorly.

Part of it overlaps with the Middle Jiao Area.

It is bounded on the sides by the Foot Taiyang Bladder Channels.

LOWER JIAO AREA

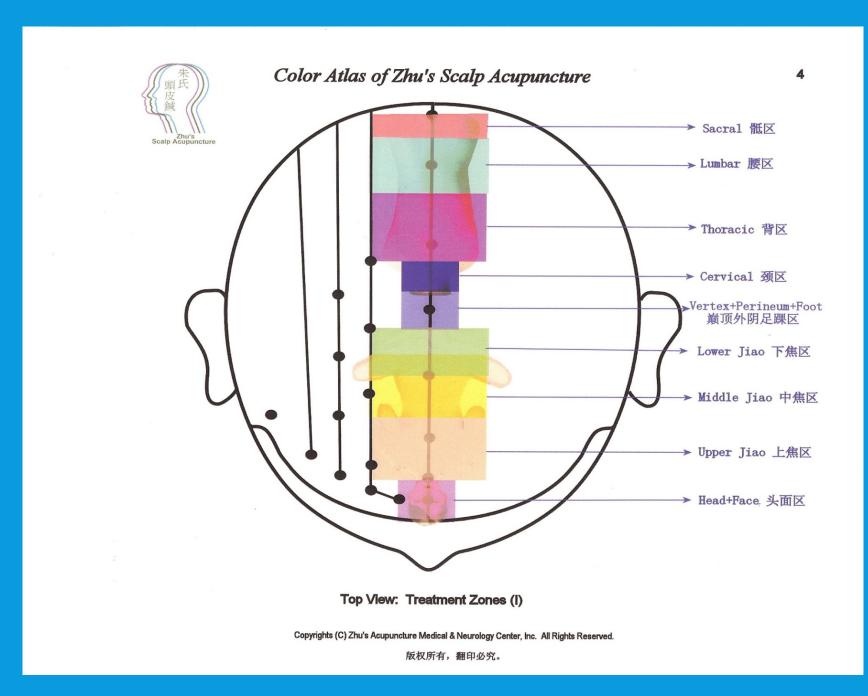
- Functions:
 - Tonifies kidney and liver,
 - Regulates menstruation,
 - Promotes urination,
 - Ascends yang qi,
 - Astringes,
 - Unblocks channels,
 - Alleviates pain.

LOWER JIAO AREA

- Indications: For disorders of the lower burner include:
 - The urinary system,
 - Reproductive system and endocrine system.

EXAMPLES ARE:

- Lower abdominal pain
- Urinary problems
- Irregular menstruation
- Infertility
- Dysmenorrhea
- Leucorrhea
- Vertigo
- Low back pain
- Tinnitis
- Deafness
- Impotence

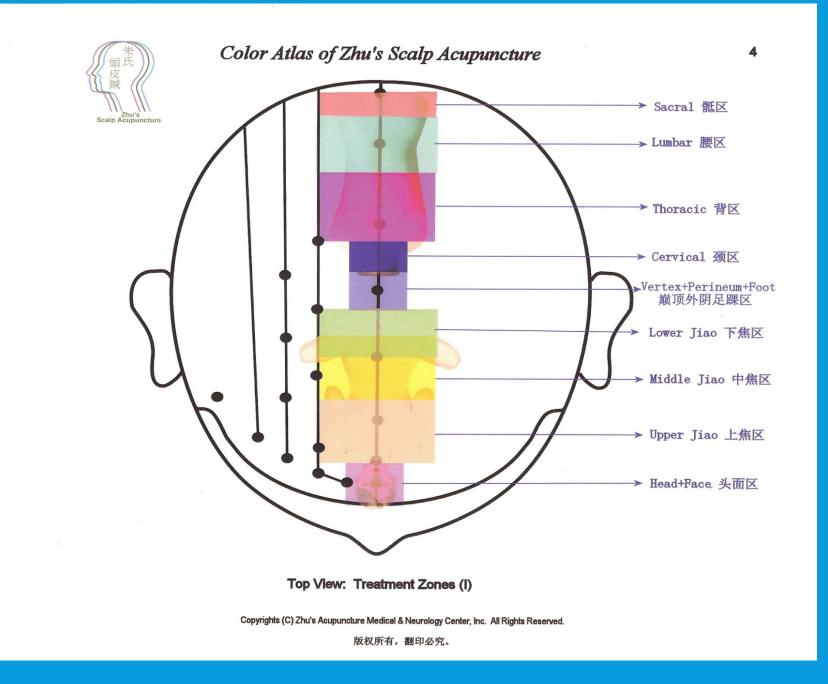


 Location: This square, centering the Du2o, extends 0.5 cun to its left, right, front and back. Du2o represents simultaneously the vertex of the head (Du2o), the perineum (Du1) and center of the foot (K1).

Functions:
Pacifies liver and sinks liver yang,
Raises yang qi and stops prolapse,
Unblocks channels,
Alleviates pain.

- Indications:
 - Vertex headache
 - Dizziness
 - Vertigo
 - Coma
 - Syncope
 - Hypertension
 - Foot pain or numbness

- Indications:
- Hypotension
- Anal prolapse
- Hernia
- Prostate hypertrophy
- Pain in sacrum
- Coccyx or perineum
- Ankle pain



HIP AREA

 Location: Two bilateral areas latero-anterior to Du2o at an angle of 45 degrees to the Du channel and bounded by the Foot Taiyang Bladder Channels.

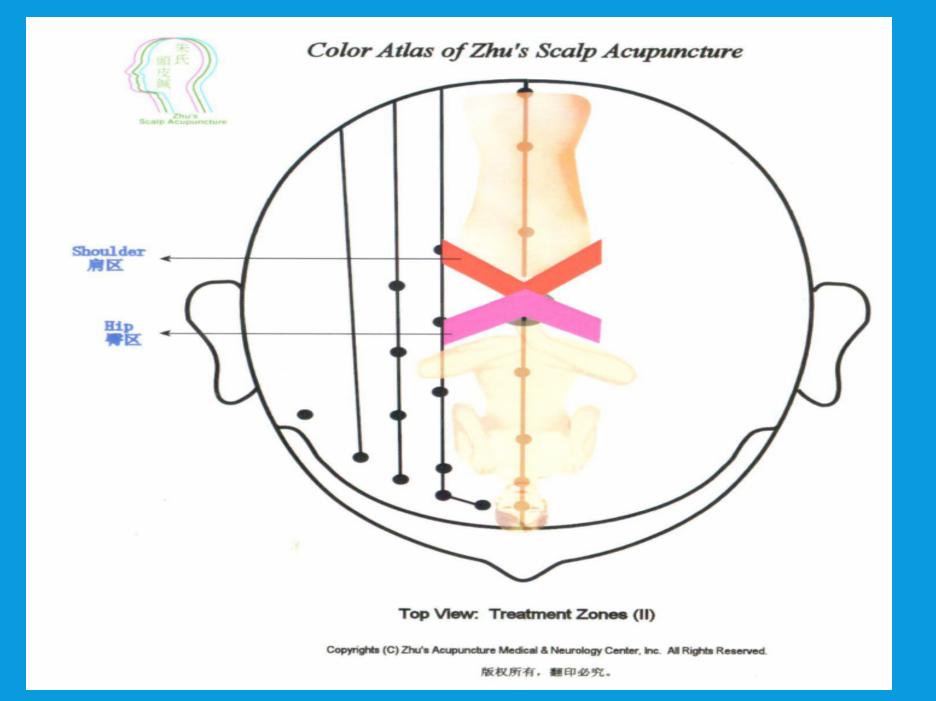
The left area represents the right hip and vice versa.



Functions:
Unblocks channels,
Alleviates pain.

HIP AREA

- Indications:
 - For problems in the hip and buttock areas such as:
 - Hip pain,
 - Sciatica,
 - Inflammation of the pyriformis.



SHOULDER AREA

 Location: Two bilateral areas latero-posterior to Du2o at an angle of 45 to the Du channel and bounded by the Foot Taiyang Bladder Channels.

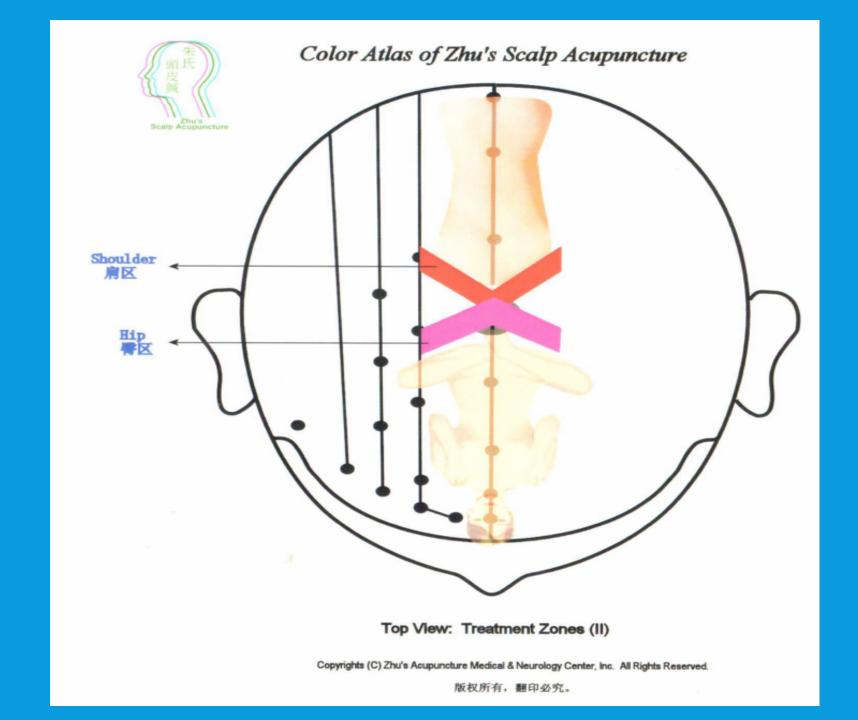
The left area represents the right shoulder and vice versa.

SHOULDER AREA

Functions:
Unblocks channels
Alleviates pain.

SHOULDER AREA

Indications:
For problems in the upper back near the shoulders and peri-scapular area, such as:
Periarthritis of the shoulder joint,
Scapular pain.



UPPER LIMB AREA

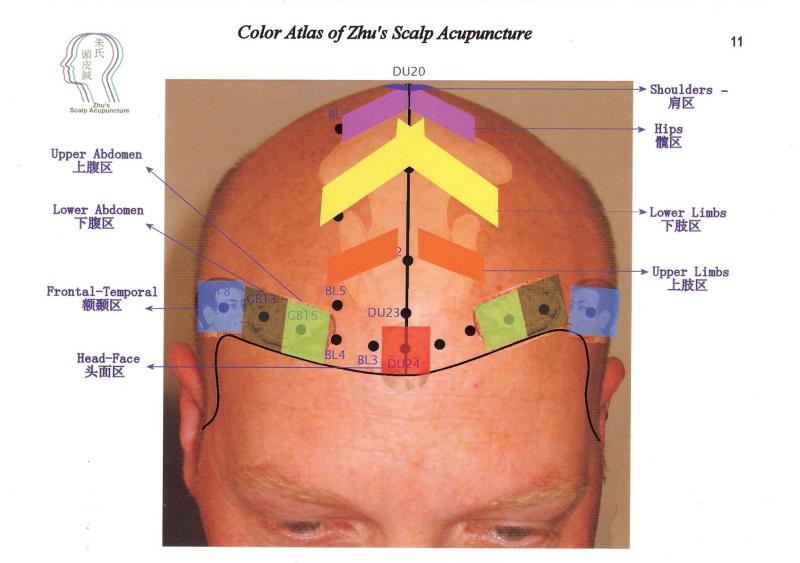
- The upper limbs are represented by two rhomboids with the left rhomboid representing the right upper limb, and vice versa.
- The anterior border of the rhomboid is a part of the line segment joining Du22 and ST8, starting 0.5 cun on the contralateral side of the Du meridian and extends approximately 1 cun in length laterally.
- The posterior border is parallel and 0.5 cun apart from the anterior border.

UPPER LIMB AREA

Functions:
Unblocks channels
Alleviates pain
Strengthens tendons

UPPER LIMB AREA

- Indications:
 - Motor and sensory disorders of the upper limbs such as:
 - Weakness
 - Flaccidity
 - Rigidity
 - Paralysis
 - Numbness
 - Pain
 - Dyskinesia
 - Dysaesthesia



Anterior View: Treatment Zones

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LOWER LIMB AREA

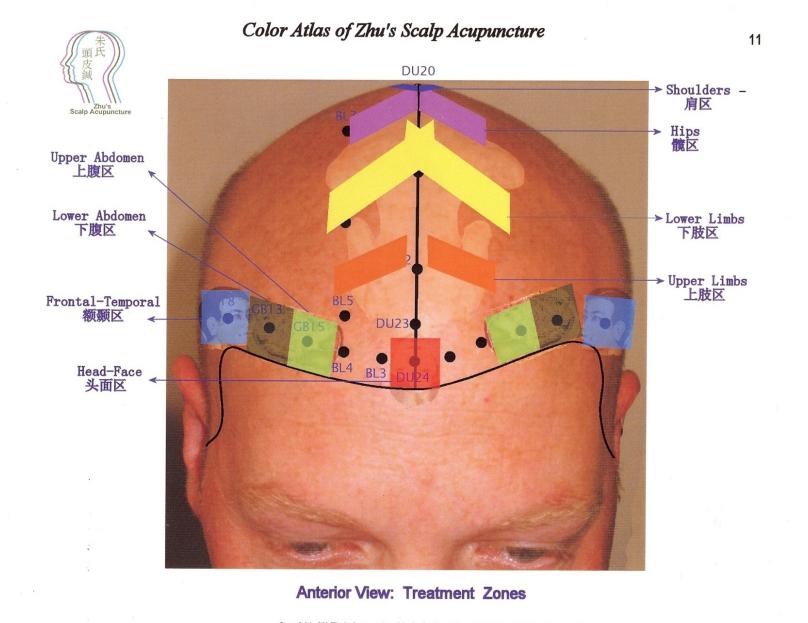
- Location: The lower limbs are represented by two rhomboids with the left rhomboid representing the right lower limb, and vice versa.
- The anterior border of the rhomboid is extrapolated from the line segment joining Du21 and UB6, starting 0.5 cun on the ipsilateral side of the Du meridian and extends approximately 1.5 cun in length laterally.
- The posterior border is parallel and 0.75 cm apart from anterior border.

LOWER LIMB AREA

Functions:
Unblocks channels
Alleviates pain
Strengthens tendons

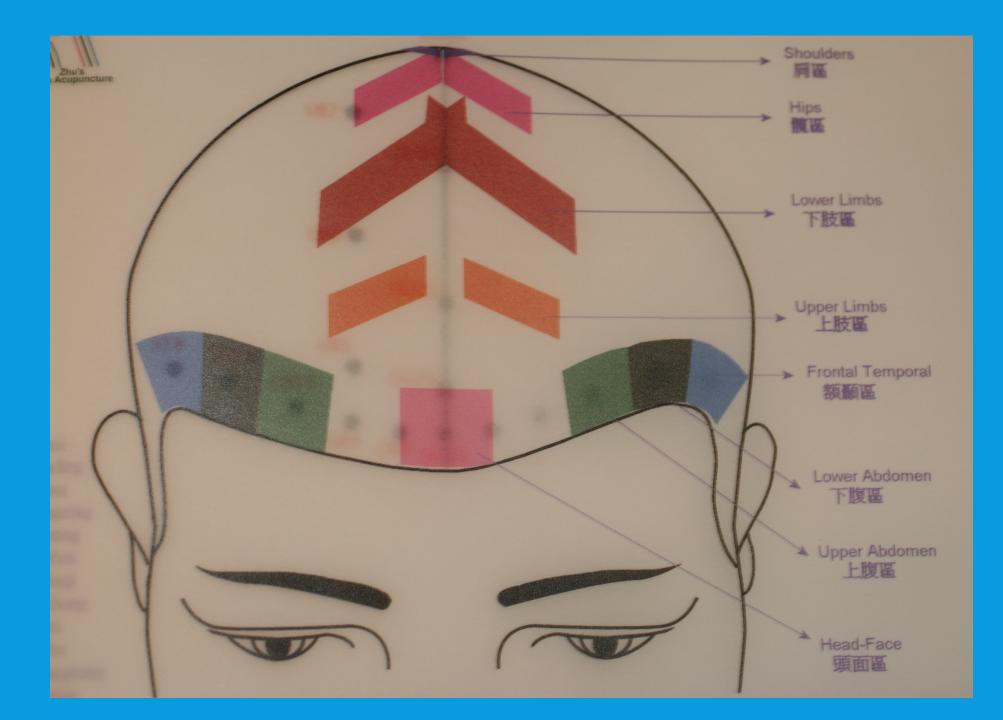
LOWER LIMB AREA

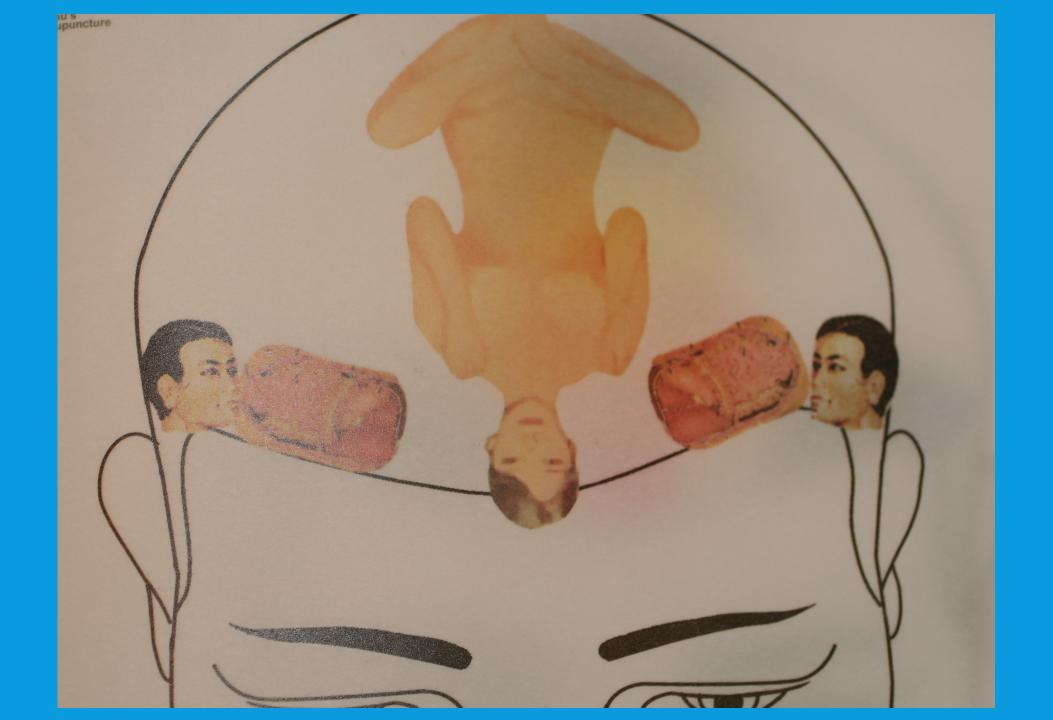
- Indications:
 - Motor and sensory disorders of the lower limbs such as:
 - Weakness
 - Flaccidity
 - Rigidity
 - Paralysis
 - Numbness
 - Pain
 - Dyskinesia
 - Dysaethesia



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UPPER ABDOMEN AREA

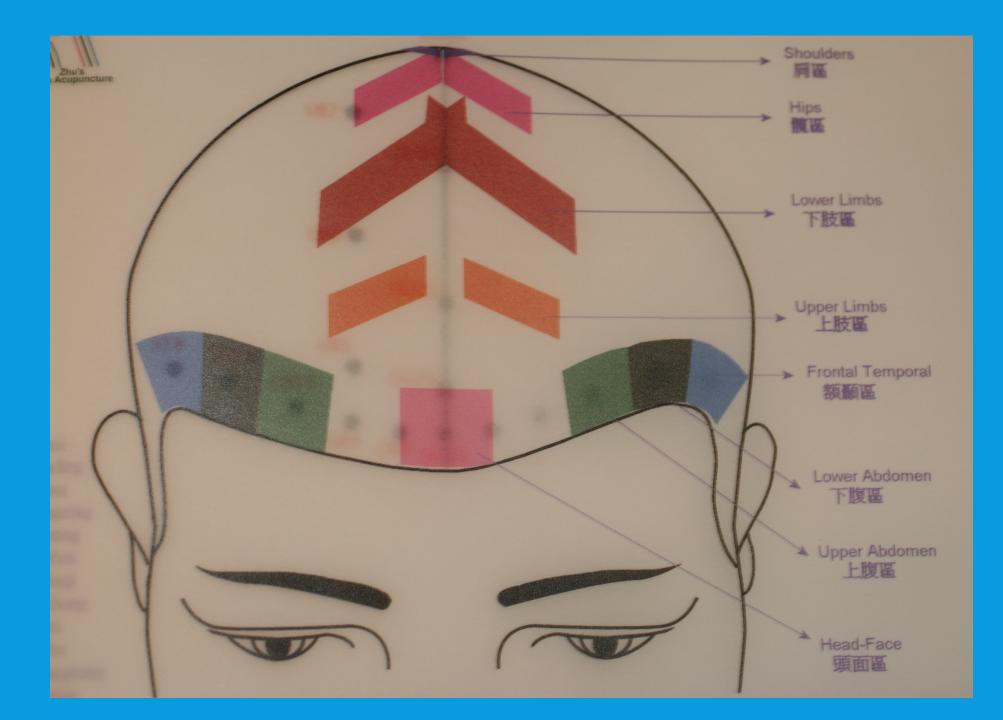
- Location: A square centered at GB15 (Toulinqi), extending 0.5 cun to its left, right, front, and back.
- It lies on the Foot Shaoyang Gallbladder Channel and Yangwei Channel. This area represents the upper abdomen in a transverse view, with GB15 corresponding to the pylorus of the stomach or Ren12 (Zhongwan)

UPPER ABDOMEN AREA

- Functions:
 - Dredges liver qi
 - Harmonizes stomach
 - Benefits gallbladder
 - Clears intestines
 - Alleviates pain
 - Brightens eyes

UPPER ABDOMEN AREA

- Indications:
 - Used for acute diseases of the middle burner, such as:
 - Acute gastritis,
 - Acute cholecystitis,
 - Acute cholelithiasis,
 - Acute enteritis,
 - Acute appendicitis,
 - Acute pancreatitis,
 - Early stage of diabetes mellitus.
 - This is also a local treatment area for eye problems and headache.

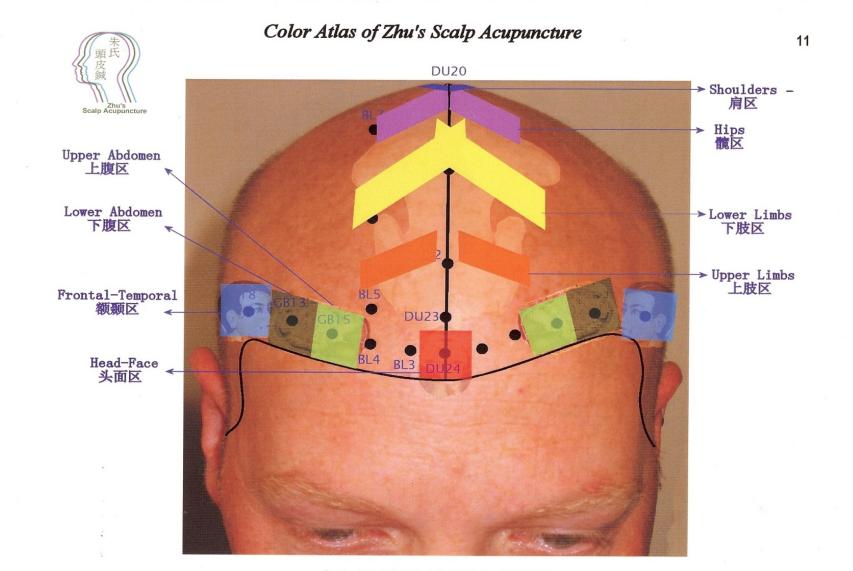


- Location: A square centered at GB13 (Benshen), extending 0.5 cun to its left, right, front and back.
- This area lies on the Foot Shaoyang Gallbladder Channel, Intersects with the Bladder Channel, Stomach Channel, and Yanwei Channel.
- Part of this area overlaps with the Upper Abdomen Area

- Functions:
 - Benefits kidney
 - Promotes urination
 - Regulates menstruation
 - Astringes
 - Alleviates pain
 - Calms shen
 - Tranquilizes

- Indications:
 - Mainly for acute diseases of the lower burner such as:
 - Acute nephritis,
 - Urinary tract infection,
 - Dysmenorrhea,
 - Dysfunctional uterine bleeding,
 - Urinary retention.

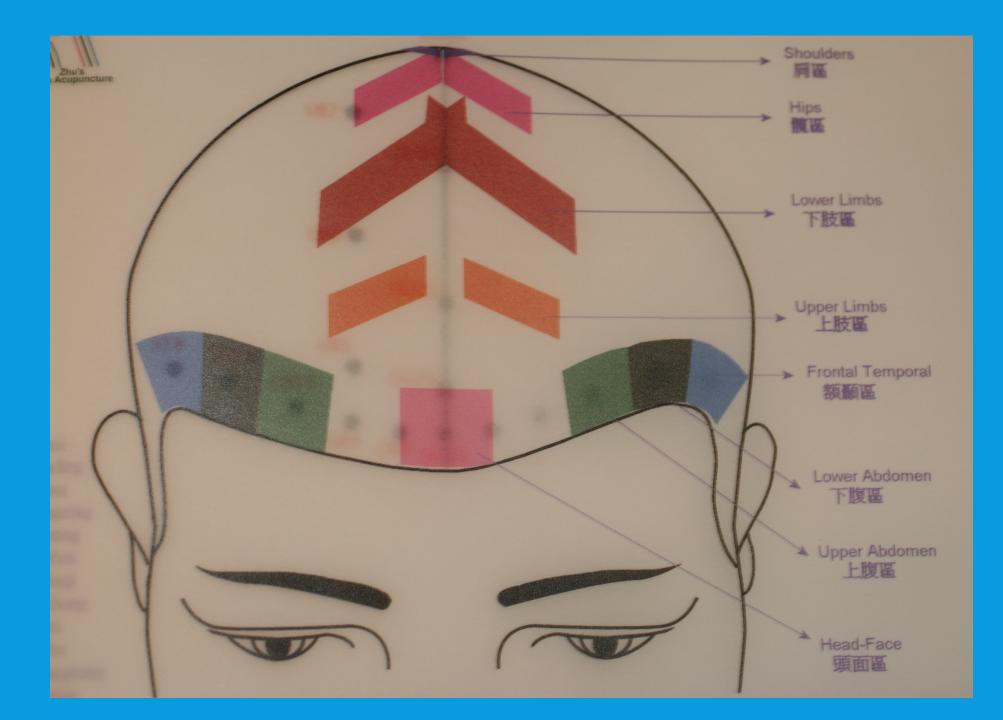
- Indications:
 - Mainly for acute diseases of the lower burner such as:
 - Also indicated for visual problems,
 - Dizziness,
 - Headache,
 - Epilepsy,
 - Hydrochondriac pain

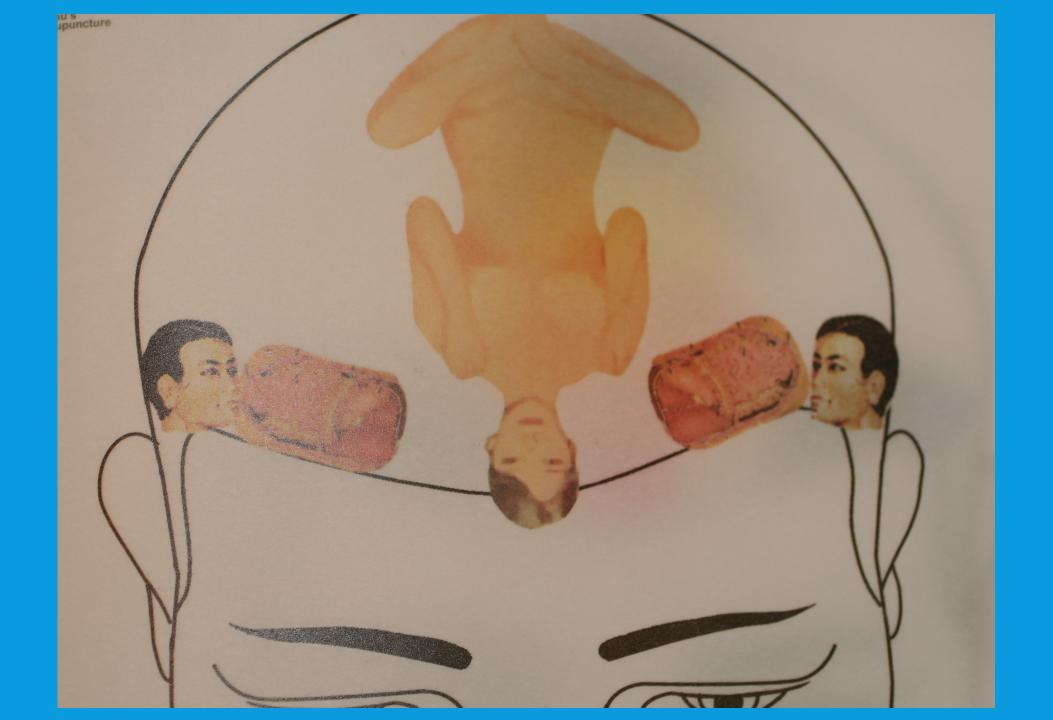


Anterior View: Treatment Zones

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FRONTAL – TEMPORAL AREA

• Location:

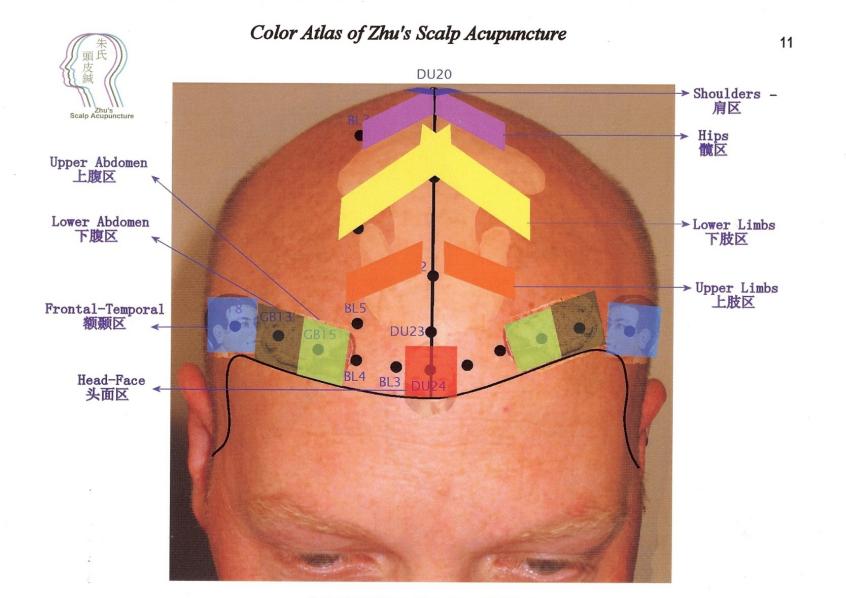
-A square centered at ST8 (Touwei) extending 0.5 cun to its left, right, front and back. It lies on the Foot Yangming Stomach Channel and Foot Shaoyang Gallbladder Channel.

FRONTAL – TEMPORAL AREA

- Functions:
 - Expels wind
 - Purges fire
 - Alleviates pain
 - Brightens eyes

FRONTAL – TEMPORAL AREA

- Indications:
 - Frontal and Temporal headaches
 - Trigeminal neuralgia
 - Eye pain
 - Excessive lacrimation
 - Blurry vision
 - Facial or eye tics
 - Eye or mouth deviation



Anterior View: Treatment Zones

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AURICLE – TEMPORAL AREA

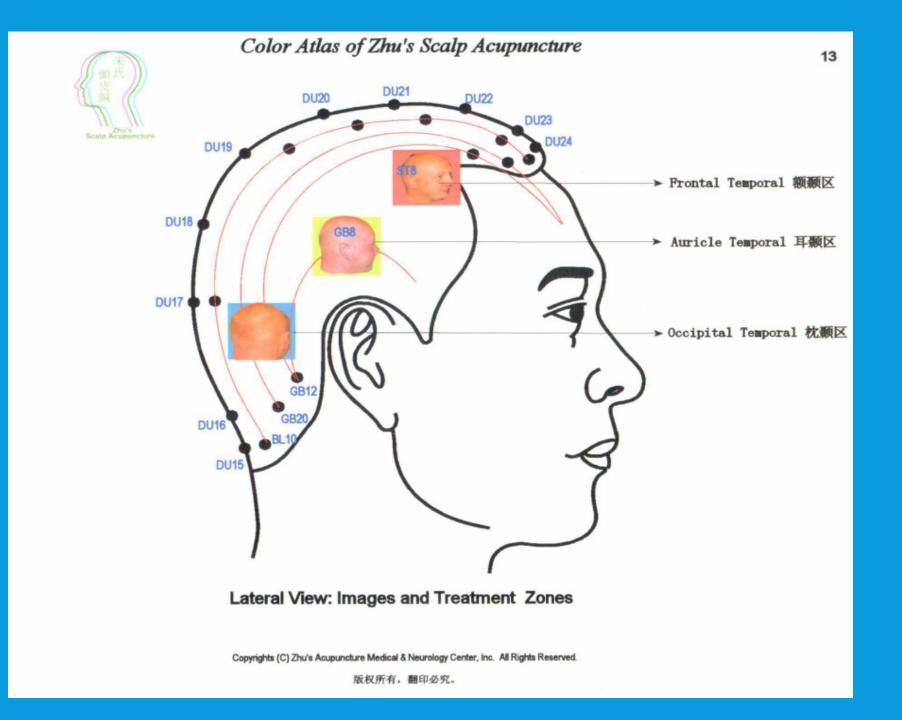
- Location: A square centered at GB8 (Shuaigu), extending 0.5 cun to its left, right, fron and back. It lies on the Foot Shaoyang Gallbladder Channel, intersects with Foot Taiyang Bladder Channel.
- This area represents the lateral side of the head, with GB8 corresponding to the ear.

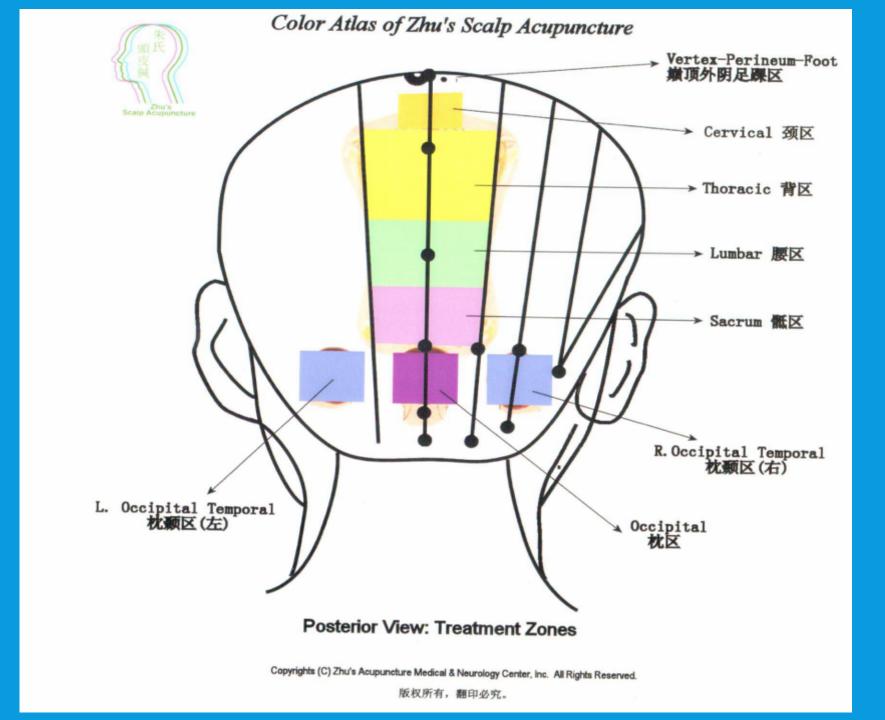
AURICLE – TEMPORAL AREA

Functions:
Unblocks the Shaoyang Channel,
Opens ear orifice,
Stops dizziness.

AURICLE – TEMPORAL AREA

- Indications:
 - Tinnitus
 - Deafness
 - Otitis
 - Vertigo
 - Migraine





OCCIPITAL – TEMPORAL AREA

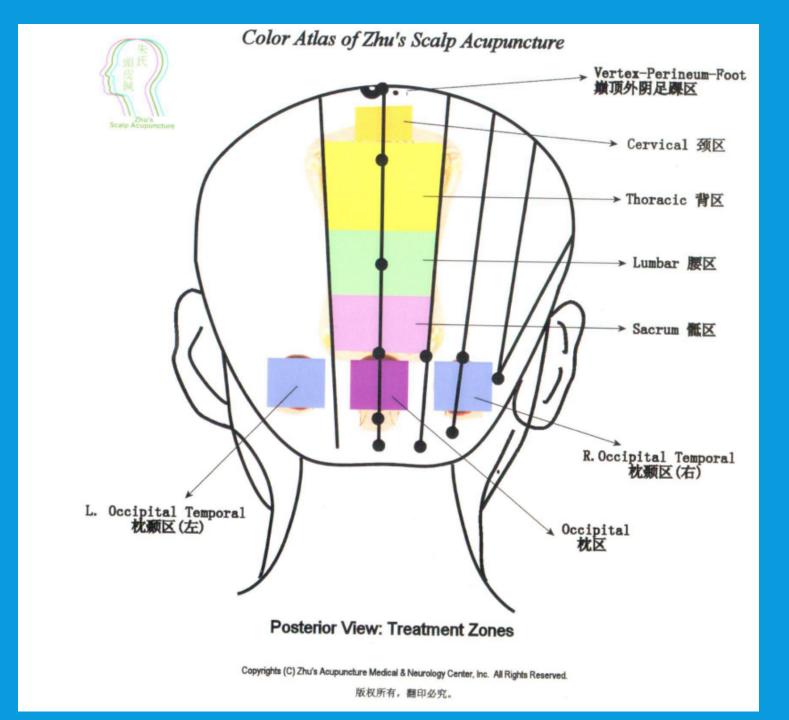
 Location: This 1-cun square represents the inferior-lateral aspect of the occiput. Its center is located by finding a depression near the midpoint of the line joining the tip of the occipital protuberance and the highest point on the mastoid process.

OCCIPITAL – TEMPORAL AREA

Functions:
Expels wind
Clears heat
Unblocks channels
Alleviates pain

OCCIPITAL – TEMPORAL AREA

- Indications:
 - Pain or stiffness of the neck
 - Dizziness, and headache due to hypertension or basilar arterial blockage.
 - This is also a local treatment area for ear pain, deafness and tinnitus.



OCCIPITAL AREA

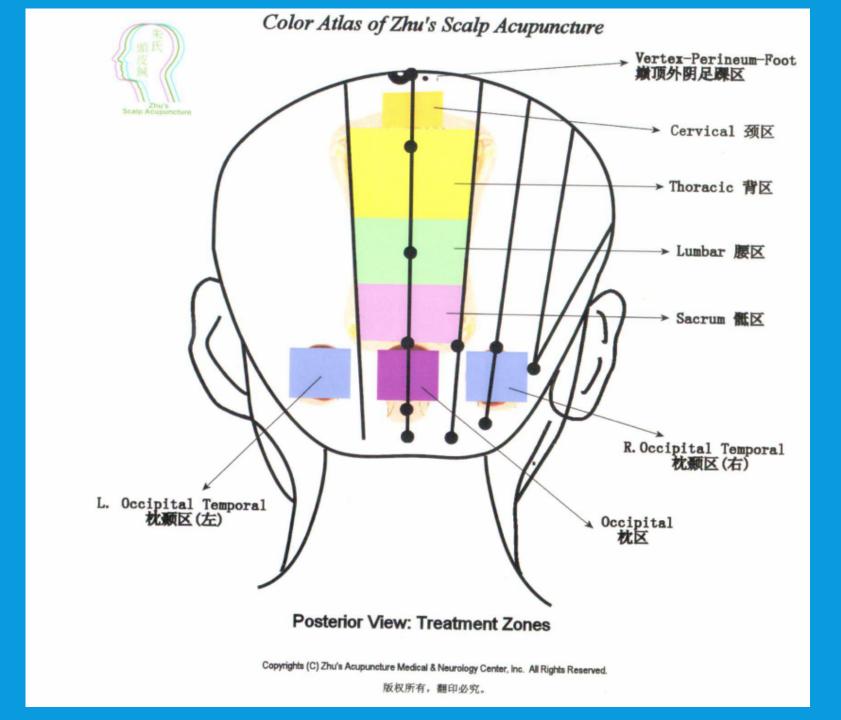
 Location: This 1-cun square centers at the tip of the occipital protuberance, extending 0.5 cun to encircle it.

OCCIPITAL AREA

Functions:
Expels wind
Unblocks channels
Arrests spasms
Stops dizziness
Opens orifice

OCCIPITAL AREA

- Indications:Neck Stiffness
 - Aphasia
 - Seizures
 - Dizziness
 - Vertigo
 - Imbalance
 - Visual disturbances



CERVICAL AREA

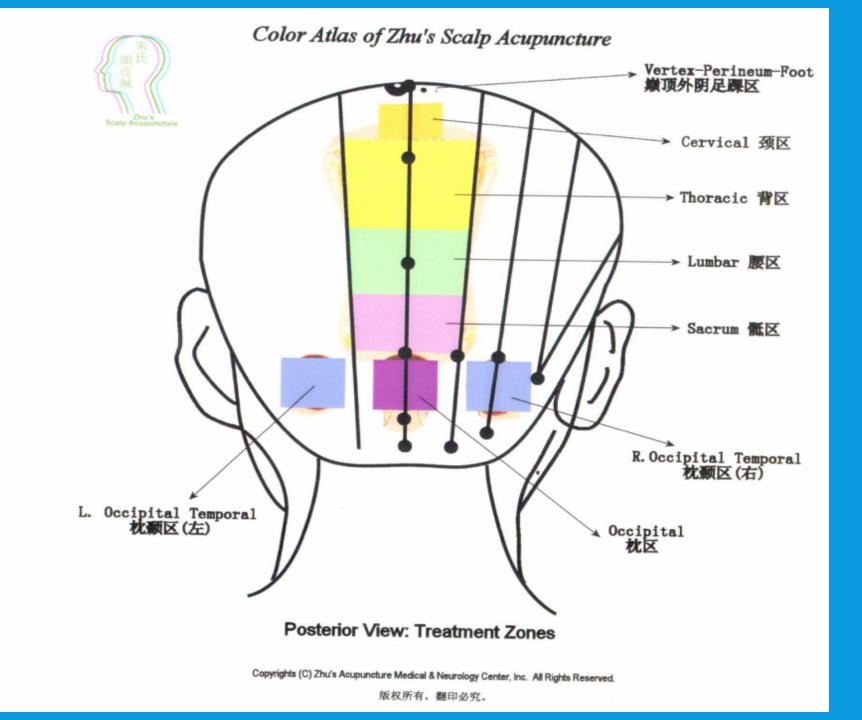
 Location: This area, representing the cervical column, starts from a point 0.5 cun posterior of Du20 and extends 0.7 cun towards Du19. It is 0.5 cun wide on wither side of the Du Meridian.

CERVICAL AREA

Functions:
Unblocks the Bladder channels and Du channel
Alleviates pain.

CERVICAL AREA

- Indications: Mainly used for neck problems such as:
 - Cervical spondylosis
 - Torticollis,
 - Injury to the cervical vertebrae and surrounding tissues,
 - Peri-scapular burning pain,
 - Stiffness of the neck from hypertension or external cold.



THORACIC AREA

 Location: This area extends 1.3 cun lengthwise, starting from 0.3 cun anterior of Du19. The point Du10 corresponds to the T – 3 vertebra.

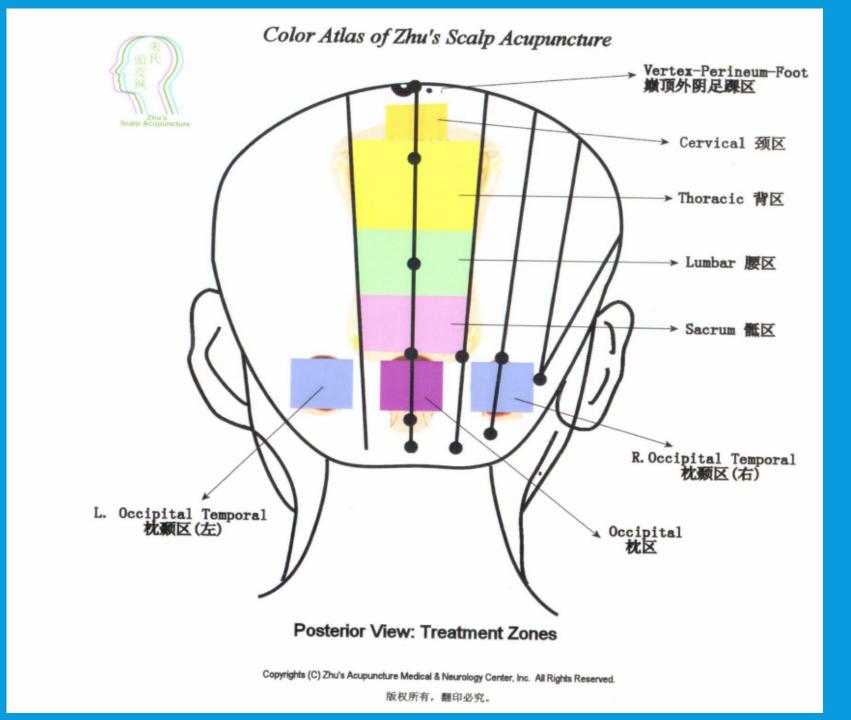
It is bounded by the Foot Taiyang Bladder Channels.

THORACIC AREA

Functions:
Unblocks the Bladder channels and Du channel
Alleviates pain.

THORACIC AREA

- Indications: For problems in the mid-back region and diseases of underlying organs.
- Examples are:
 - Pain or stiffness of back muscles
 - Thoracic spondylitis
 - Referred pain on the back due to pathologies of the heart,
 - Lung,
 - Stomach,
 - Gallbladder,
 - Liver
 - Pancreas.



LUMBAR AREA

 Location: This area centers at Du18 that corresponds to the L – 2 vertebra and extends 0.5 cun both anteriorly and posteriorly.

 It is bounded on each side by the Foot Taiyang Bladder Meridians

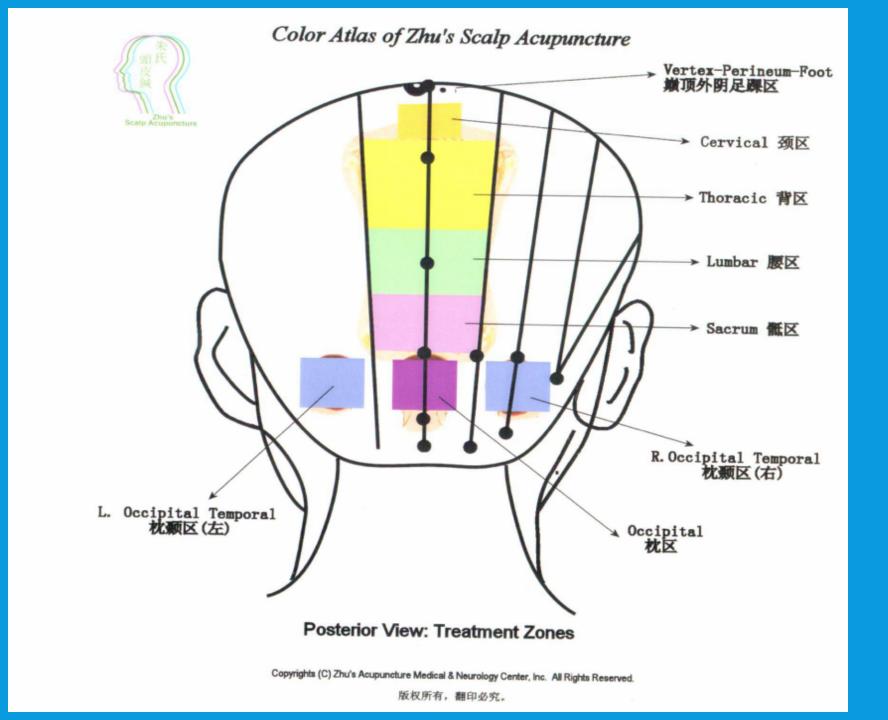
LUMBAR AREA

• Functions:

- Unblocks the Bladder channels and Du channel
- Alleviates pain
- Strengthens bones and tendons.

LUMBAR AREA

- Indications: Mainly used for lumbar problems and diseases of underlying organs, such as:
 - Acute or chronic lumbago
 - Lumbar spondylitis
 - Injuries causing lumbar pain or paralysis
 - Acute or chronic nephritis
 - Urinary tract infection



SACRAL AREA

 Location: Immediately following the Lumbar Area, the Sacral area is 1 cun in length and terminates at Du17, which corresponds to the coccyx.

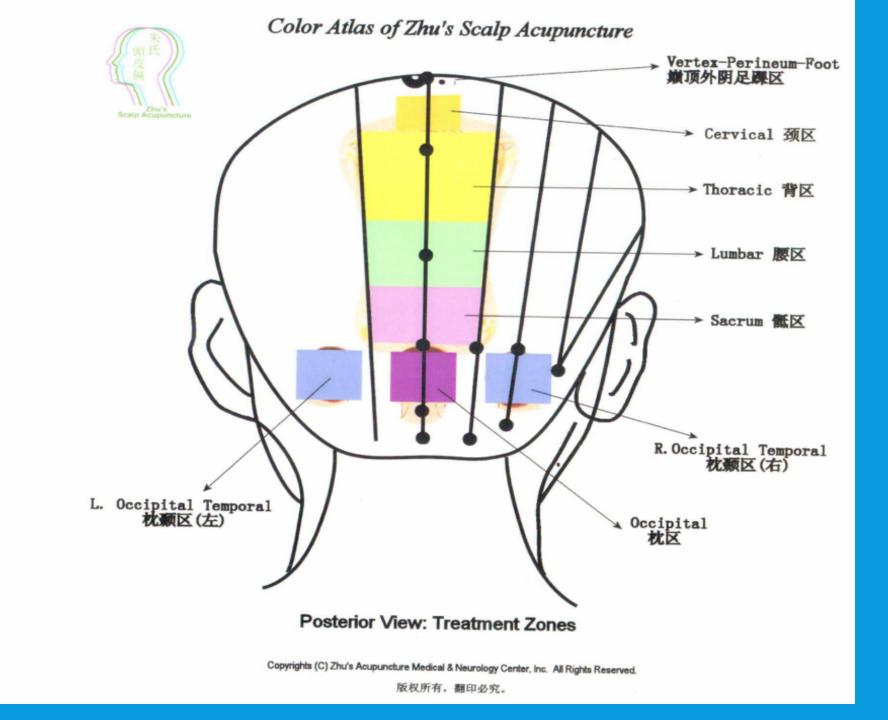
SACRAL AREA

• Functions:

- Unblocks the Bladder channels and Du channel
- Alleviates pain
- Pacifies liver
- Brightens eyes
- Stops dizziness

SACRAL AREA

- Indications:
 - Mainly used for sacral pain due to injuries
 - Wear and tear
 - Disk protrusion
 - Also indicated for pathologies of the underlying cerebral tissues such as:
 - Vertigo,
 - Equilibrium disorder,
 - Visual disorders.



RED & BLACK LEADS:

 Acupuncture units do not have permanent positive or negative polarities. Each lead is constantly changing from positive to negative so it doesn't't matter which way the leads are placed.

 I tend to place red and black leads on top of each pair so that they are placed simultaneously in the same direction.



Recommendation for Electric:

- For pain, we recomment that you use high frequencies of hertz (100-150) for treating musculoskeletal problems, pain and dysfunction and then use a low frequency of 3 hertz to reestablish normal muscle function.
- What we normally do is 5-10 minutes of the high hertz and then 5-10 minutes of a low hertz.



- For needing body points, it is a twisting and turning technique.
- For scalp, it is a lifting and thrusting technique.



 Side effects and complications from acupuncture are uncommon.

 In the United States, the numbers are even more favorable- only 9 cases of medical complications from acupuncture were reported in over 20 years. (Rabenstein and hulman) For heart palpations:
*H&F
*Upper Jiao- Opposing needles
*Dao Yin- deep breathing

For heart disease:
*Upper Jiao- opposing needles
*Also VPF

Coughing: *Upper Jiao *Strong stimulation *Cups off & on *On BL-Lung points or percussion. Hypertension:*H&F*VPF

*Dao Yin- expand the chest.

Cardiac Disease:

*VPF

*Lower Jiao- Opposing needles *PC-6, HT-7, SP-6, LI-4, twisting & turning method. Bronchitis:
*Deep breathing
*Massage REN-17, REN-22
*Upper Jiao
*Drink more H2O, no spicy food, peppers etc.

Pneumonia: *H&F *Upper Jiao- Opposing needles *DaoYin *Hold breath/ deep breathing *OR cup points: lung, 5, 7; St 36, 40; BL-13; Du-12 Asthma:*H&F*Upper Jiao

Endometriosis *Lower Jiao *H&F *Middle Jiao for QI & blood *REN-4,6 *SP-6 *St-36

Prostatic Hypertrophy:

*Lower Jiao

*VPF

*DaoYin

*Do Kegel exercises.

• KI-6

• LV-2

• REN.2,3

• 2" needles

Also, toe and tooth exercises

Kidney Stone Treatment:
*Lower Jiao lower abdomen
*Dao Yin- Jump up and down on side of involvement

Reproduction: *Lowe Jiao *VPF *For delivery- Ear points, lower Jiao & exercises.





QUESTIONS???

