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As Lu states in his article, Professor Zhu Mingqing (who had been associate professor at Lu's department in Beijing before emigrating to the U.S.) has developed a popular version of scalp acupuncture. In some cases, a series of cross-over needles are inserted along the length of a zone (this may incorporate as many as 3 pairs of needles). The width is 1 cun and the length is 5 cun. Liu Chunhui and Wang Ying, Observation of curative effect of acupuncture therapy plus scalp acupuncture for restoring consciousness and inducing resuscitation in 80 cases of acute apoplexy, Journal of Traditional Chinese Medicine 1996; 16(1): 18-22. It was shown that stroke patients had higher plasma TXB2 levels and lower plasma 6KP levels than healthy persons. Epang 2 is used to treat acute diseases of the lower burner. Body points were stimulated less, but it was important to get a gi reaction. If the angle of needling is too shallow, the needle will penetrate the skin and muscle layers and it will be difficult to get a smooth insertion. Those needles were stimulated for about 20 seconds and then retained for 30 minutes (once per day). In general, within a defined zone, the forward part of the zone is used to treat the lower body. This will enhance the tonification of the liver/kidney system and strengthen the legs, bladder, and abdominal organs. Wan Zhijie, et al., Study on the treatment of hemiplegia with scalp points, Practical Journal of Integrating Chinese with Modern Medicine 1996; 9(4): 199-200. Still, many of his house calls are made without this help. Therefore, the needle enters the scalp behind the Dingnie zone. Dr. Zhu expressed the belief that a function of scalp acupuncture is to improve or re-establish the connections from the central nervous system to the part of the body that is affected limb. As they become stronger, the practitioner adds resistance to each exercise (weights can be added), thus requiring the patient to apply greater strength (and, in some cases, more muscle groups) to the task. Treatment was given 5 times per week, with 10 treatments constituting one course, with an interval of one week between courses. The direction [angle] of lifting or thrusting is the same as that of the insertion. This approach has been followed by many scalp acupuncture specialists in China. Needles were retained for 1-3 hours. Lu claims that more than 80 diseases are currently treated by this therapeutic method, which is particularly effective in treating disorders of the central nervous system and various acute and chronic pain syndromes. These biochemicals are the stable metabolites of substances involved in platelet clumping and inhibits platelet clumping and inhibits formation of arterial atheromas (by reducing cell proliferation). In California, medical insurance generally covers the cost of acupuncture, but insurers have repeatedly refused to pay for other medical expenses associated with Zhu's work, such as special exercise equipment developed for those with paralysis, herbal treatments, and extended physical therapy. "Thrust the needle quickly with violent force, but the body of the needle doesn't move, or no more than 0.1 cun in." Following the thrust, the needle is allowed to settle back to its original position. In cases of pain syndromes, the draining method (chouqi) is used, with the same kind of rapid, limited distance movements, but with the emphasis on outward movement, then allowing the needle to settle back in to the starting position. "Lift the needle quickly with violent force, but the body of the needle doesn't move, or no more than 0.1 cun out." Again, after the pull, the needle settles back to its original position. In reviewing the Chinese literature (see Appendix 5), one can draw certain general conclusions. The sending of signals between these two parts of the nervous system during treatment is critical. Again, needle either one side or both sides, as appropriate. About needling techniques and duration. The needles are manipulated again after intervals of 10-15 minutes, for 1-2 minutes each time, throughout the duration of the patient visit, which may be as long as 2-3 hours. The room becomes quite crowded as most of the patients come with helpers. Treatment was carried out for 6 consecutive days, followed by a 1 day rest, as one course of treatment, for a total of 4 courses (one month). It is located halfway between GB-13 and ST-8. Needling Procedure. The external pathway of the Governing Vessel is used to divide the left and right sides of the scalp. Use two additional needles to complete the treatment. He currently provides treatments for several neurological disorders at Zhu's Acupuncture Medical & Neurology Center, in San Jose, California (see Appendix 2 for more on Zhu's experiences in the U.S.). The zone is 1 cun wide. A 30 mm (1.2 inch) needle with a wound head is thought to be the best. For reinforcement, the filiform needle was inserted at an angle of 15-30 degrees to the scalp, slowly and forcefully to beneath the aponeurosis. Pang Hong, 52 cases of apoplexy treated with scalp acupuncture by the slow-rapid reinforcing-reducing method, Journal of Traditional Chinese Medicine 1994; 14(3): 185-188. 16. If several parts of the body are affected by the illness or injury, the points selected may be rotated through a cycle aimed at treating each of the Beijing College of Acupuncture, Moxibustion, Orthopedics, and Traumatology, in the Journal of Traditional Chinese Medicine (1). Needling of the left side has a greater impact on disorders of the left side of the head and neck, but of the right side of the head and neck, but of the right side of the scalp. Thus, for example, if the left leg is affected, the needle will be directed outward along Dingnie #1 on the right side of the scalp. The homunculus for this zone looks like a person is kneeling with their foot and thigh on top of each other (near GV-21), and their knees pointing towards ST-8. If the patient is suffering from a bladder disorder (typically, there is inability to completely empty the bladder, and there may also be incontinence; many individuals rely on a catheter), then needle only within Eding Zone 4. 10/06/2014 Synopsis of Scalp Acupuncture Página 10 de 17 Appendix 2: Dr. Zhu's Work in America Dr. Qingming Zhu opened his neurology clinic for scalp acupuncture therapy in Santa Cruz, California in October, 1997, after offering his services for 6 years in San Francisco. Qu Hong, Ren Liping, and Guo Yi, Combined application of scalp and body acupuncture in the treatment of pseudobulbar paralysis, Journal of Traditional Chinese Medicine 1991; 11(3): 170-173. Initial results of clinical work indicated that acupuncture applied to the scalp had good effect on diseases that were associated with cerebral damage, such as stroke. MAPPING OF THE BODY WITHIN THE ZONES The Dingnie zones, which extend at angles towards the front of the head (from GV-21 to ST-8 on either side) from the central Eding zone, overlap the central Eding zone, overlap the central zone. However, it is often necessary to carefully review the zones relied upon by an individual practitioner, as few have adopted the unified pattern. In America, there is less tendency to provide daily acupuncture, which might reduce the effectiveness. This region is primarily used to treat disorders of the chest region. Needle insertion, manipulation, retention, and removal are approached with differing techniques. Although the distance from the skin surface to the skull is very short, there are several tissue layers: the skin, hypodermis, galea aponeurotica and occipito-frontalis muscles, subaproneurotic space, and pericranium. When treating the arm or leg scalp zones, have the patient gently rub their palms over the eyes. Minecraft Java Edition or Minecraft Windows 10 (Bedrock)? I know, we're still picking which Minecraft we want! We're nearly done, though. The next choice you have to make is which version do you want to download: the Java Edition of Minecraft or the Windows 10 (Bedrock)? I know, we're still picking which Minecraft we want! We're nearly done, though. be transported to a version-specific Minecraft page with a 'buy' button. On the first day, the patient is treated in the morning and in the evening; for the next nine days, the patient is treated once daily. Courses of treatment were 10 daily sessions, with efficacy appraised after three courses." He went on to comment that: "For the promotion of myodynamia and motile functions, the method of slow-rapid reinforcing-reducing was significantly better than the method of flat twisting. For disorders that are not specific to a body location, such as hypertension or epilepsy, needling may be done on both sides of the zone. There should be no talking during needle stimulus: all attention is on the needling and its effects. After performing acupuncture on the stroke patients, the TXB2 levels declined and the 6KP levels rose. Zhang Hong, Combination of scalp acupuncture with body acupuncture for treating senile urinary incontinence, Journal of Chinese Medicine 1996; 52: 10-11. December 2000 10/06/2014 At this facility, about 20 patients visit each day, staying for 2-3 hours: after the needles are inserted, Zhu stimulates the needles from time to the top of the head, and E (pronounced "uh") refers to the forehead. The needle must be long enough so that it is not inserted up to the handle, but short enough that there will not be any bending during insertion and manipulation. 10/06/2014 Synopsis of Scalp Acupuncture to treat sequelae of stroke and cerebral injury, claiming improvement in all but 3 of 128 patients, with treatments deemed markedly effective in 42.8% of the total group. The needles should remain in the scalp for a minimum of 2 days. The application of reinforcing and reducing manipulations would shorten the therapeutic course, promote the therapeutic efficacy, and decrease the rate of disability. For scalp acupuncture, the major areas selected were the "motion" zone and the "diastole-systole" zone. From here you should be greeted by a large picture of Steve and Alex overlooking a Minecraft world. Look to the left side and there should be a green box that says 'get Minecraft'. Hold the needle between the medial surface of the terminal part of the right thumb. Electrical stimulation was adopted, with a frequency of about 200 pulses per minute, with the intensity limited to the patient's tolerance. For example, treating blurred vision in the right eve, place one needle at the center of the zone. To visualize the mapping, imagine a person squatting down with arms bent, placing the elbow on the knee, with the hand by the shoulder. For scalp acupuncture, they reported that: "The needles were twirled once every 10 minutes at a rate of 200 times per minute, followed by retaining them for 30 minutes. In a few cases of quadriplegia, Dr. Zhu is using a video camera to illustrate the extent of changes in patient capabilities. You should have received a four letter code you'll now need to enter back on the Minecraft website to move on. Enter the code in the box, hit 'verify' and you're almost done. 5. Zhang Mingju, Treatment of 296 cases of hallucination with scalp-acupuncture, Journal of Traditional Chinese Medicine 1988; 8(3): 193-194. The left side governs qi and the right side governs blood. Further microcirculation is notably enhanced. When treating a neurological problem that affects the extremities, the needles are directed, along a zone, towards the opposite extremity. When it is time to remove the needles, press the skin around the point with the thumb and index finger of the left hand, rotate the needle gently and lift slowly to the subcutaneous level. Standard acupuncture applied to scalp points usually involves less rapid stimulation or moxibustion as the main stimulation technique. In treating hemiplegia, a single treatment (about 25 minutes, including insertion, three sessions of 3-minute twirling with two 5-minutes breaks, and withdrawal of the needles) muscle strength in upper and lower extremities improved by about 20%, whole blood cholinesterase was reduced by about 15%, and speed of blood flow through nail bed capillaries increased by over 30%. Although the needling is sometimes painful, he has adapted the treatment so that even babies and young children accept it. One may rotate this way 200 times for one minute, repeat rotating 5-10 minutes later, and retain the needle till 30 minutes after the insertion (including the time of rotating). Dingnie zone #1 does not include the shoulder girdle; to treat those parts of the body, Dr. Zhu relies primarily on the Dingnie zone #2 does not include the shoulder girdle; to treat those parts of the body. was 4 sessions and the longest 4 courses [40 sessions]....The patients in this series were all difficult cases of pseudobulbar paralysis refractory to western and Chinese drugs. Retention of the needles enhanced vasodilation of the needles for the recovery of nervous functions. Once that's all filled out hit 'register' then open a new tab and pull up your email inbox. In a teaching round on apoplexy (10), Professor Guo describes his technique for scalp acupuncture: "Size 28 needles are commonly used, usually of the length of 2 cm. Time to Buy and Install MinecraftNow comes the buy page. It may also be valuable to treat body points, such as ST-36 and GB-34 for the legs and LI-11 for the arms. The direction of needling is usually towards the back of the head. When the needling is usually towards the back of the head. When the needling is usually towards the back of the head. has been a craze in Japan, America, and China. To treat, use the contralateral side. It is located on a line from GV-21 to 1/2 cun anterior to ST-8. A stronger stimulation often brought about better curative effects." Although the authors reported good clinic effect of scalp acupuncture for enuresis, it was said that: "Owing to the needling pain, only 59 cases [out of more than 100] were willing to accept the treatment for a complete course [10 to 15 sessions, undertaken either every day or every other day] or longer." 3. The clinic is usually open only 4-5 hours a day; much of the rest of Zhu's long and grueling work day is spent making home visits to those who are so severely impaired that they can't travel to the clinic. The scalp acupuncture technique taught by Dr. Zhu has been used at ITM's An Hao Natural Health Care Clinic in Portland to treat a multiple sclerosis (see Appendix 3 for protocol details), peripheral neuropathy, migraine headache, and Bell's palsy. In scalp acupuncture, the needles are to be inserted within a thin layer of loose tissue beneath the scalp surface, at a low angle of about 15-30 degrees, involving an insertion distance of about 1 cun [the cun is a variable unit of measure based on body size; about one inch for an adult]. If the person cannot make the movement on their own, then the patient will visualize moving the breath to the affected part and, when possible, an assistant will move the body part. The effects of treatment in this region include calming the spirit, opening the spirit, opening the spirit, opening the spirit, and brightening the spirit, opening the spirit and then the needle was bent to an angle of 30 degrees to the skin to be pushed forward. preferably under the epicranial aponeurosis. With a total of 1228 cases of hemiplegia so treated, it was determined that there was no significant difference in the outcome for the three methods of stimulation. Patients with leg weakness should attempt to walk for a few minutes. Then add PC-6 and SP-6 with strong stimulation before proceeding to needle the rest of the body and scalp. Needles were retained for 30 minutes. In all cases, it is considered important to obtain an appropriate needling sensation (not pain); often, this is to be accomplished by utilizing needle manipulation at least two to three times in the course of a single session (for 2-3 minutes each time). Synopsis of Scalp Acupuncture Página 1 de 17 SYNOPSIS OF SCALP ACUPUNCTURE by Subhuti Dharmananda, Ph.D. and Edythe Vickers, N.D., L.Ac., Institute for Traditional Medicine, Portland, OR THE NATURE OF SCALP ACUPUNCTURE Scalp acupuncture is one of several specialized acupuncture techniques with a specific body location, taking its place alongside ear, nose, hand, foot, and wrist/ankle acupuncture. The zone names are simply based on anatomical descriptions. Shu points refer to "stream" points where the qi of the internal organs is infused. 8. The Epang zone is a series of short segments along the border of the forehead/scalp on either side of the central line. When using manual manipulation in modern scalp acupuncture, it is common to stimulate the needles for 2-3 minutes at a time, with a rest period of 5-10 minutes between stimulations. Several different methods of needling were proposed. Needles are retained for 20-30 minutes, being twirled twice. Owing to the fact that by this method the needle often twines the muscular fibers and causes pains, it is not well accepted by the patient. These are short lines radiating forward and back to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the genital area) and the beginning of the Dingzhen zone (corresponding to the meeting spot between the end of the Eding zone (corresponding to the genital area) and the beginning of the Dingzhen zone (corresponding to the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the genital area) and the beginning of the Dingzhen zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting spot between the end of the Eding zone (corresponding to the sides from GV-20, the meeting zone (corresponding to the sides from GV-20, the meeting zone (corresponding to the sides from GV-20, the meeting zone (corresponding to the sides from GV-20, the meeting zone (corresponding to the sides from GV-20, the meeting zone (corresponding to the sides from GV-20, the meeting zone (corresponding to the sides from GV-20, the meetin sensation Lu Shoukang observes (1): "In scalp acupuncture, the needle is usually inserted by the penetration needling along the skin. Mapping from the frontal hairline back, the top of the body is forward. There are three basic features of scalp acupuncture that differentiate it from body acupuncture: 1. It is stimulated by small-amplitude, lift and thrust technique at rapid frequency (200 times per minute if possible). Aside from the standard zones, palpation of the scalp for tender points helps Zhu to identify the specific needling sites within the selected zone. 18. It was mentioned that: "For scalp acupuncture, the selection of acupoints needs to be accurate and the manipulation mild to avoid unnecessary pain which might dispose the child unfavorably to acceptance of the treatment. As described above, Zhu follows the principal that if the disorder affects the left or right side of the body, then treatment that is intended to affect the head or neck is done on the same side of the disorder affects the left or right side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the left or neck is done on the same side of the disorder affects the disorder af the neck, then the needle is placed on the opposite side of the zone. After 30 days of 10/06/2014 Synopsis of Scalp Acupuncture Página 16 de 17 treatment, 46% of the patients showed marked improvement, and another 50% showed some improvement. Needle retention was for 30 minutes, with electrostimulation used after getting the qi reaction. 14. Contraindications for scalp acupuncture include very high blood pressure (220/120), heart disease, infection, post-operative scars in the acupuncture zone, some cases of pregnancy (mainly habitual miscarriage), persons who are extremely nervous, and infants whose fontanels have not closed. 7. Zhu rarely prescribes herbs, but primarily relies on frequent scalp acupuncture therapy (daily or every other day). In America, Dr. Zhu and his students have developed the techniques to suit the Western patients (see Appendices 2, 3, and 4). The needle is twirled at a speed of 200 times per minute. Total duration of needle retention in most cases is 20-45 minutes, though some patients are sent home with needles in place (as Dr. Zhu recommends), for retention of several hours up to a maximum of 2 days. If you're wondering how to download Minecraft websiteFirst things first, you'll want to mosey on over to the Minecraft website. Regarding the latter, he stated: "The dancing tremor controlling region was chosen; needling was done once per day, 10 days for a course of treatment, with an interval of four days between courses, lasting 4 courses. In mapping the zones to the body structure, this line represents a continuum from head to abdominal base repeated twice, first covering the front of the body (the more frontal points) and then the back of the body. 2. You may produce all the needling feelings with electrical stimulations for scalp acupuncture include virtually all the usual indications for scalp acupuncture, but the main applications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupuncture include virtually all the usual indications for scalp acupations for scalp acupa of Acute Syndromes by using Acupuncture and Moxibustion (3), which includes scalp and other acupuncture techniques). In Zhu's system of acupuncture, there are three main zones (designated the Eding zone, Dingzhen zone and Dingnie zone) subdivided into a total of 11 portions, and three secondary zones, each divided into two portions (designated Epang 1, Epang 2, front zone of Dingjie, back zone of Dingjie, back zone of Dingjie, Niehou and Nieqian). In the system of body acupuncture, there are 5 shu points, which are each located in the vicinity of one of the internal organs. This mapping of the body runs from the center line (GV, the Eding zone governing head and throat) to the side, progressing from head to middle warmer to lower warmer. Chougi (chou means to withdraw) is a sedating, reducing method. THE NEEDLING TECHNIQUE The needle size often mentioned in Chinese texts for scalp acupuncture is 26, 28, or 30 gauge. which is suitable for rapid twirling techniques. Treatment lasted from 4-21 days. Although the scalp has numerous traditionally-identified acupuncture therapy. After the stimulations were applied, needles were retained for several minutes so that the total duration of needling was 25 minutes. The outward and inward force exerted on the needle should be sudden and violent as if it is the strength from the whole body of the operator. Enter your card details, double check the amount at the bottom, and when you're happy, click the 'purchase' banner at the bottom. Wait for the page to load and you'll be jettisoned to the 'purchase complete' screen. From here, just power through 'next' until it's installed and hit finish. A new window should open (that's the Minecraft launcher), log in with your email address and password then click 'play'. Following is a review of the primary scalp acupuncture zones (See Appendix 1 for a picture of the zones). Body and scalp acupuncture was used, with scalp points picked in the leg motor and sensory area (1 cm lateral to GV-20, corresponds to Eding 4) and reproduction area (Epang 2). In a report from Harbin (18), several aspects of scalp acupuncture for stroke patients were commented upon, which largely match the methodology and interpretation expressed by Zhu: 1. As soon (in the treatment course) as the patient is slight. If the primary lesions are in the brain, insert needle in Eding Zone 1, needling along the GV line towards the face. Dr. Zhu generally prefers long-term needle retention of 1-2 days; this is in contrast to the method of Jiao Shunfa, who advocated removing the needles are removed, but the scalp needles are retained. Two reports on aphasia (inability to speak) were presented in the Shanghai Journal of Acupuncture and Moxibustion. 10/06/2014 Synopsis of Scalp Acupuncture Página 11 de 17 APPENDIX 3: Scalp Acupuncture Página 10 de Traditional Medicine. At that time, new needles are inserted at different points. REFERENCES 1. Aw man!" There are two PC versions of Minecraft for Windows 10 (commonly known as Bedrock). The affected part of the body is to be moved during needle stimulation. It is mainly used to treat diseases of the ear. After insertion, the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the loose connective tissue to allow the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the loose connective tissue to allow the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the loose connective tissue to allow the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the loose connective tissue to allow the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the loose connective tissue to allow the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the loose connective tissue to allow the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the loose connective tissue to allow the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the loose connective tissue to allow the needle body should be rapidly pushed to the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that is the lower layer of the galea aponeurotica that the galea aponeurotica that the lower layer of the galea aponeurotica that the galea aponeurotica the galea aponeurotica that the galea aponeurotica that the Publishing, Hong Kong. There are two basic needling methods for manipulating the qi, designated jinqi and chouqi, that have been elucidated by Dr. Zhu. The zones at the sides of the head are rarely used because the needling tends to be painful. This region is used to treat the lower burner and the lower limbs. At Zhu's clinic, patients report notable improvements compared to their earlier conditions. The method is also easy to master, though success may depend on the qi of the practitioner when utilizing the forceful but small amplitude manipulations. Dingjie has a front zone—Dingjie improvement in movement or sensation of the affected part of the body rather than a needling sensation like the one that is generated when the affected parts are directly needled. Although Zhu has learned English, his work is aided by a translator who can speed up and clarify the communications. To treat, insert the needle along the side of the zone that corresponds with the side of the head or neck that is affected. For instance, one needle is punctured from gianding [GV-21] to baihui [GV-20] while the other needle from baihui to gianding, both along the midline of the vertex." Chen Zaiwen and Chen Ling (4) described treatment of enuresis in children with scalp acupuncture. After 1-2 courses, half the cases were cured, and 20 others markedly improved. Nieqian and Niehou Zones Nie (pronounced "nyeh") refers to the temple. Only for problems of the head and neck is the needling done on the same 10/06/2014 Synopsis of Scalp Acupuncture Página 5 de 17 side of the scalp as the disorder. Electrostimulation may be utilized (frequency is 200/minute) in place of manual stimulation. Standard acupuncture of scalp points normally involves subcutaneous insertion up to a depth 1/2 cun or less (about 0.3–0.5 inches for an adult) at a high angle of 60–90 degrees. In addition, body acupuncture was applied (mainly GB-20 on one day and GV-16 on the alternate day, with some non-standard, "extra points"). The meeting point of the two zones, GV-20, can be used to treat the entire body acupuncture had not been sufficiently effective. Before withdrawing the needles, Zhu recommends manipulating the needle again while the patient performs breathing exercises. Dingnie 3 (near ST-8) governs the head. If the patient's scalp becomes sensitive to needling, as might occur with frequent needling of the same zone, it is helpful to alternate (from one treatment to the next) between the motor and sensory points and the Eding zone. We'll have you up and running faster than you can say "Creeper? Alternate side needling might be better tolerated by the patient when daily needling is used. They state that: "Analysis of the 110 cases showed that the location, number and extent of the cerebral lesions correlated closely with the therapeutic effects, and early institution of the acupuncture treatment led to better results....Among 29 cases that were essentially cured, most involved lesions in the external capsule or brain stem. Prolonged stimulation time, with rapid needling speed, gives better results. Several acupuncturists pursued this line, seeking points and zones on the scalp that would treat diseases of the brain. The elbow zone is near the region between Dingnie 1 and 2. For either reinforcement or reduction, the needle insertion should be rapid and kept away from the hair follicles and the tip of the needle should be sharp. Of the 9 patients treated, 4 were reported recovered and 2 improved. In order to strengthen the stimulative sensations, the point-through-point method is used, that is, the needle penetrates several points at the 10/06/2014 Synopsis of Scalp Acupuncture Página 15 de 17 same time. As an example for right-knee pain, a needle is first directed along Dingnie #1 towards the left temple, and then a second needle is inserted across that one. Dr. Zhu traces the origins of modern scalp acupuncture to the work of Huang Xuelong, who in 1935 introduced the concept that there is a relationship between the scalp and the cerebral cortex. The effort put forth by the patient is of utmost importance. Front Zone of Dingjie: This zone is located on a line from GV-20 to BL-7. In cases of generalized brain damage (as occurs with anoxic brain damage), Zhu's Eding zone is used predominantly, along with GV-24 and UB-3 bilaterally. 10/06/2014 Synopsis of Scalp Acupuncture Página 13 de 17 APPENDIX 5: Commentaries and Clinical Observations from the Chinese Literature 1. The authors therefore lengthened the needle retention to 40 minutes." Liu Chunhui and Wang Ying (11) reported on their experience of treating acute apoplexy during a medical visit to Yemen. In one report, from the Guangdong Provincial Hospital, 72 cases of stroke-caused aphasia were treated and evaluated (19). Within half an hour, the manipulation should be done 2-3 times. Zhu treats a wide range of neurological problems, including cerebral palsy, epilepsy, injury-induced paraplegia, multiple sclerosis, and post-stroke syndrome, as well as disorders that seem to fall beyond the ability of neurologists to pin them down with a name. By this method, 71% were cured and 19% markedly improved. Sessions were once daily for 10 days as a course of treatment, applying 2 courses as the standard. However, there may be some benefit to examining the disorders that have been treated by this method and the extent of improvements, whatever the cause, that were noted during the treatment period. This latter treatment is the same as selected by Chen and Chen (4) for treatment of enuresis. The homunculus for this zone like a person with their elbows bent. The Dingzhen zone runs from the top of the head to the back of the head, between GV-20 and GV-17. For persons who are not highly symptomatic, the two needles may be placed parallel to the needle in Eding Zones 3 and 4, about 1/4 inch on either side of the central needle. The speaking zone was treated as the main therapy, and as an adjunct a treatment comprised of needling GV-20, GV-24 and the four points of Sishencong (Extra-6) were treated. A standard of nomenclature for acupuncture points has been developed (adopted in 1984 and reconfirmed in 1989), indicating 14 therapeutic lines or zones based on a combination of the thoughts of the forehead into the hair zone. With rotating of the head of the needle, the patient usually reports the feeling of local heat, numbness, and tics. Wang Yukang, et al., Treatment of apoplectic hemiplegia with scalp acupuncture in relation to CT findings, Journal of Traditional Chinese Medicine 1993; 13(3): 182-184. The needles should be stimulated strongly (manual) for 10 minutes. Neuromuscular Re-education. The recommended frequency of treatment is high, from once or twice per day to once every other day, with a course of treatment typically involving 10-12 consecutive sessions, followed by a break of 2-4 days, sometimes 5-7 days. According to the content of these reports, compared to Zhu's techniques there is shorter duration of individual treatments, reliance on electroacupuncture as stimulation, and no mentioned focus on patient breathing or movements during treatment (e.g., for aphasia, Dr. Zhu needles Eding zone #1 and has the person try to count from 1 to 10, say their address, sing, etc., to use both voice and memory). The results of Zhu's work are somewhat difficult to elucidate. This region is mainly used for pain. Both are based on ancient techniques and involve a rapid, short distance movements. It governs the spine, the yang aspect of the body (back). It is used to treat the needle in Dingzhen Zone 1, which governs the neck. 10/06/2014 Synopsis of Scalp Acupuncture Página 4 de 17 Epang 1 is used to treat acute diseases of the middle burner. This is intended to improve vision (e.g., to relieve optic neuritis) and increase mental clarity. Zhang Naizheng, Clinical research on 35 cases of tremor artuum treated by body needling plus scalp acupuncture, Chinese Acupuncture and Moxibustion 1996; 2:5-6. The zone is 1 cun long and 1/2 cun wide. Zhou Yin and Wan Jin, Treatment of post-stroke syndrome by acupuncture, Shanghai Journal of Acupuncture and Moxibustion 1997; 16(2): 9-10. He has a few patent remedies available at his clinic and has access to crude herbs for making decoctions, or preparing topical applications, from the college pharmacy. Body points are sometimes used as an adjunct to the scalp acupuncture therapy. 11. The front Dingjie zone treats an area of the body just above that treated by the beginning of the Dingzhen zone. Tang Qiang, et al., Study on sematosensory evoked potential in 60 cases of acute cerebral obstruction treated with scalp point-through-point acupuncture, Chinese with the needles inserted at an angle of about 15 degrees with the scalp and running from GV-19 to GP-16; TB-19 to TB-17). Needling of this zone may include insertion from GV-21 towards ST-8 or in the reverse direction. By avoiding the hair follicle, one can minimize pain during insertion. Electric acupuncture is then used at a frequency of 150-200 pulses/minute for the body points. According to the theory of channels and collaterals, shu points in there were a frequency of 150-200 pulses/minute for the body points. head can be used to treat diseases of the whole body. The functions include opening the chest and regulating qi, opening the breath" to the body part that is to be affected. Needling here is painful, so it is rarely used. The improvements in TXB-6KP levels were interpreted as a biochemical manifestation of harmonizing yin and yang. According to Lu, for best results in treating hemiplegia due to stroke, scalp acupuncture should initially be performed twice per day. The body needles are also retained during the full length of the patient's long scalp acupuncture treatment, for up to two hours, not just 20-30 minutes as is often the case with standard acupuncture therapy. ZHU'S SCALP ACUPUNCTURE According to Dr. Zhu, Baihui (GV-20) is the basis for all of the scalp points. The intention of the patient to move the affected body part (or the mental practice of moving the breath to the body part) sends signals from the central nervous system to the periphery, while actual movements of the body part send signals back from the periphery back to the central system. Wu Zuqiang and Li Jianqiang, 72 cases of aphasia caused by cerebrovascular disease treated by acupuncture needling, Shanghai Journal of Acupuncture and Moxibustion 1997; 16(2): 19. In light of the experience of Professor Shi Xuemin, the authors adopted deeper insertion of the needles both on the scalp and on the body. The zone is divided into four regions. Holding the needle quickly until it reaches the back of the head. The emphasis is on the forward movement, then allow the needle to naturally pull back to the starting position. Body points are sometimes selected because of failure to obtain the desired qi reaction when using scalp points. Most authors suggest that utilizing scalp and body acupuncture together is a valuable method. Point Selection. 10/06/2014 Synopsis of Scalp Acupuncture Página 3 de 17 Eding 3 is the third quarter of the zone, extending from GV-22 to GV-21. She described her basic treatment techniques as follows, indicating that there are a number of other procedures that she may utilize to complete the treatment. Treatment course. With repeated extensions and flexions of the interphalangeal joint of the index finger, one rotates the needle in one direction till it turns two rounds and then in the other direction for another two rounds. That is, although treatment usually includes one needle in the right side of the zone. The motor, sensory, balance, vision, and speech areas are utilized as appropriate. The Eding and Dingzhen zones together form a central line from the front to the back of the scalp. The treatment was performed daily for 12 days, and then a rest period of five to seven days was allowed before resuming another course of 12 days. treatment. Cui Yunmeng, Treatment of peripheral facial paralysis by scalp acupuncture—a report of 100 cases, Journal of Traditional Chinese Medicine 1992; 12(2): 106-107. The scalp needles were connected to a therapeutic instrument which delivered "sparse and dense waves" over an interval of twenty minutes for each session. The options here are computer, mobile, console, and others (yes, there are that many versions of Minecraft!). For this guide, we want to click on the one marked 'computer'. 3. Thus, scalp acupuncture is not really a single system, but a multiplicity of systems still in development, with a 30-year history of practical experience. The patients were asked to exercise the limb during the needle manipulation." The manipulation was applied every 10 minutes and acupuncture (body plus scalp) was administered each morning and afternoon for a treatment courses (using 1-6 courses). At least one study compared the efficacy of twirling (manual and machine-aided) and electrical stimulation and the conclusion was that both were useful. Upon inserting the needles, stimulate the cerebral cortex; it can reverse the imposed inhibitory mechanisms on nerve function, revive cells that are not completely destroyed, and enhance the function of nerve cells that are subjected to ultra-low oxygen levels. Dingnie 1 governs the lower limbs. Wang Yuxin, Scalp acupuncture and Moxibustion 1997; 16(2): 20. Press besides the treatment zones with the nail of the thumb and first finger of function of nerve cells that are subjected to ultra-low oxygen levels. the left hand, hold the needle with the right hand, and keep the needle tip closely against the nail. The zone is 1/2 cun wide. However, the 5 ineffective cases had mostly multiple lesions in the basal ganglia, the brain stem, and cerebral ventricles." In an article by Cui Yunmeng (7), scalp acupuncture for facial paralysis was described. The neurology clinic shares space in the same building as the college, serving also as a training center for acupuncture students. Sometimes, the interval between needle stimulation sessions is longer due to insufficient staff time when there are numerous patients, but usually within 30 minutes. China. His clinic is a small facility with one main room, having a dozen chairs for patients to sit on while receiving scalp acupuncture while lying down. However, a few researchers claim that clinical evidence does not support the need to treat one side or the other; rather, one can alternate sides on subsequent days. About the effectiveness of scalp acupuncture in clinical reports of 2,917 cases of hemiplegia treated in 34 units [clinics] reveal an effective rate of 94.5%, with 58.9% markedly improved....Observation of the graphic [EEG] changes of amplitude, decrease of frequency, decrease of the main peak, deepening of the valley of the wave indicate that scalp needling dilates blood result, reinforces cardiac contraction, and increases cerebral blood flow." A problem with claimed effectiveness rates for scalp acupuncture is that there is rarely a control group (or one that is well-matched) to help sort out improvements that might occur spontaneously or due to other therapy) that might be undertaken. Traditionally, this point is treated to stabilize the ascending yang; it is also needled in order to clear the senses and calm the spirit. He selects a zone site for treatment, and inserts one needle along the zone and then inserts a second needle perpendicular to that one, going across the zone and crossing over the first needle. For persons with aching and numbress in the shoulders, needle the Dingjie Zone. body is sent back to the original place (about one cun) and significant therapeutic effects will be obtained after the maneuver is repeated for 2-3 minutes." For the majority of neurological disorders, the tonification technique (jinqi) is used, with a series of rapid, very small-amplitude, in-out needle movements. Zhu Mingqing, Zhu's Scalp Acupuncture (jinqi) is used, with a series of rapid, very small-amplitude, in-out needle movements. The majority of neurological disorders, the tonification technique (jinqi) is used, with a series of rapid, very small-amplitude, in-out needle movements. 1992 Eight Dragons Publishing, Hong Kong. In cases of quadriplegia, another crossing technique is used. Another acupuncture clinic is also in the same building, staffed by several experienced Western practitioners, and provides the more standard variety of acupuncture therapy. Epang Zone Pang (pronounced "pong") means along the side. 5. The manipulation should be carried out until the patient notices a change in their condition. Once a response is noted, the needle manipulation can be ceased. Functional zones, such as sensory, memory, and motor, are usually located at the back and sides of the scalp. the lower layer of the galea aponeurotica, the needle is tightly held by the thumb and index fingers, and rapidly twirled for about 200 times per minute. For Comatose Patients. The direction of needling is usually towards the face. 20. Click on 'download for Windows' and a file named 'MinecraftInstaller.msi' should auto download. Click on that file and the game will install. Three major contributors to the development of this system, Jiao Shunfa, Fang Yunpeng, and Tang Songyan, each proposed different diagrams and groupings of scalp acupuncture points. Eding 1 is the anterior quarter of the region, extending from GV-24 forward by 1/2 cun. Click 'buy' and you'll then move to the Microsoft Store where you can purchase that version of the game and install it right away. Note: If it's the Windows 10 version, on the left, and when the next page loads, click buy. 4. Drugs that might affect thromboxane or prostaglandin levels were discontinued prior to the study. The Governing Vessel enters the brain at point Fengfu (GV-16). It is located 1/2 cun on either side of GB-15. The direction of the zone being treated: the needle is aimed (along the line of the zone) toward that portion of the zone most closely corresponding to the area of the body that is affected by the injury or disease. The patient should not feel pain, though there are some rarely used scalp points along the sides of the head, mentioned above, that typically produce pain. With these needles connected to corresponding electrodes in the electroacupuncture apparatus, one then passes electricity, often in a frequency of 3/sec [180/minute] with a tolerable intensity for 20 minutes." Qu Hong and his colleagues (8) described their scalp acupuncture technique for treating pseudobulbar paralysis as follows: "A filiform needle was rapidly inserted for a depth of 1-1.5 cun in the direction of the motor/sensory area, followed by rapid twistings for 0.5-1 minute until the appearance of the needling sensation. For example, Jiao divided the scalp points into motor and sensory areas, Fang into writing (speech) and reading (memory) centers, and Tang into upper, middle, and lower burner areas. aspect of qigong therapy that is incorporated into the treatment). The Eding zone runs from the forehead to the top of the head. For those following Zhu's technique, treating one side according to location of symptoms would be consistent with his extensive clinical experience. For Zhu's needle stimulation technique (thrust and pull method), a somewhat finer needle gauge of 32 or 34 is suitable for most cases, and the insertion length is approximately 1 cun. He does use heat lamps to provide heat to an affected body part, when it is deemed valuable. It was reported that 71 out of 100 cases were cured, using 5-40 treatment sessions, given once daily. Jiao advocated rapid twirling with penetrating and transverse needling; Fang favored the slight twirling method and obligue needling; while Tang recommended long-duration needle retention; the angle of insertion was 30 degrees, and the needle was repeated three times and then retained without twirling for 5 minutes; this procedure was repeated three times and then the needle was removed." Zhang Mingju reported (15) on treatment of 296 cases of hallucinations using scalp acupuncture. The author's choice was a 30-32 gauge filiform needle, 1.5 cun in length. There is a small office, which often turns into a treatment room, and one small private treatment room, and followed by the lifting maneuver to get the full qi reaction. He served as assistant director of the Scalp Points Research Group of the Chinese Acupuncture Association from 1987 to 1989. For persons who have weakness, tingling sensation, or other disorders affecting the arms and hands, needle instead Dingnie Zone 2, with the needle aiming towards the face (towards ST-8). Since coming to the U.S., he has worked closely with Dr. Eva Munwu Chau, former president of the California Acupuncture Association. It can be treated within the zone. In fact, the therapeutic zones in Zhu's scalp acupuncture are determined on the basis of the standard scheme." Dr. Zhu's father was an acupuncturist who worked on scalp acupuncturist since graduating from the College of Chinese Medicine in Shanghai in 1964. For unilateral paralysis, use the contralateral side, but use bilateral treatment of the zones for bilateral paralysis. An expressed concern is to minimize pain for the patient and also to make the procedure practical for the acupuncturist. For peripheral facial paralysis, Cui Yunmeng (7) suggests using a .38 mm needle and a 75 mm length. This is intended to tonify the kidney/liver system that is weak in nearly all persons with multiple sclerosis. The functions include regulating the menses, strengthening the kidneys and promoting urination. 15. This region is primarily used to treat disorders of the middle burner (including treatment of acute appendicitis). While Zhu's work has gotten some favorable press, his efforts at helping those with neurological problems remains an uphill battle. The needle was retained for 40 minutes, with small amplitude twistings for another 0.5-1 minute before withdrawal....Practice has shown that needling on the motor and sensory areas simultaneously, and on the affected side and the healthy side 10/06/2014 Synopsis of Scalp Acupuncture Página 14 de 17 simultaneously produces better curative effects. Eding 2 is the second quarter of the zone, extending from GV-24 to GV-22. Dingzhen 3 governs the vertebrae T-10 through L-5 (fifth lumbar). The foot location of the Dingnie zone #1 extends all the way to the far side of GV; when needling Dingnie to treat the foot, the point of the needle threaded into the scalp, rests at the junction of the beginning of Dingnie zone #1, where it meets the far side of Eding. Both the scalp and body acupuncture is given once daily for 40 minutes, with 10 days as one treatment course, and a rest of 3 days between courses. In 1991, Zhu established the Chinese Scalp Acupuncture (2), now out of print. Thus, the frequently-mentioned method of rapid needle twirling may be replaced, in some cases, by other methods (including electrical stimulation) because of the potential for causing pain for the patient and fatigue and irritation for the acupuncturist. The mapping of body parts to the zones places the foot at the beginning of the Dingnie zone (at ST-8): Dingnie zone #1 is used for treating the legs; Dingnie zone # zone #2 is used for treating the arms; Dingnie zone #3 is used for treating the head. The needle runs in the layer of loose connective tissue between the galea and the pericranium. This region is used to treat the whole head and neck region. In most cases, treatment is given every day (at least 5 days per week) for 1-2 weeks, then every other day for another 1-2 weeks, followed by twice per week treatment for as long as necessary. The main hospital in neighboring San Jose, after initially letting him work on in-patients, has since refused to continue such permission, viewing his techniques unfavorably, despite the overwhelming support of those receiving the treatments. Qian (pronounced "chian") means forward, and hou (pronounced "how") means back. 17. However, because Dingnie zone #3 is seldom used by Dr. Zhu. The subaproneurotic space is a loose layer of connective tissue that is ideal for penetration during scalp needling: the needle slides in smoothly and does not cause pain, vet the desired needling sensation is strong. Dr. Zhu sometimes uses a "crossing" technique for needle positioning, mainly in treating cases of severe pain. The needle is inserted along the practitioner's nail pressing the skin. 10/06/2014 Synopsis of Scalp Acupuncture Página 8 de 17 APPENDIX 1: Zone Charts Acupuncture Zones in Zhu's Acupuncture. Lu Shoukang mentions in his article that he prefers using the small-amplitude, forceful lifting method, because "it saves the operator effort and gives the patient less suffering." He describes his preferred method as follows: "When inserted to a certain depth (about 1 cun), the needle is forcefully lifted outwards or thrust inwards. It can be divided into 4 regions, equally spaced from each other. Back Zone of Dingjie: This zone is located on a line from GV-20 to BL-8. For this, the finger twirling is replaced by electric twirling, in which the patient is given pulse electric stimulations with dense and loose waves and a current intensity tolerable by the patient." For the treatment of post-stroke syndrome, Pang Hong (9) reports the following method, based on the teachings of K.Y. Chen: "Scalp acupoints were needled with the reinforcing or the reducing method as indicated." push it to a depth of about 1.5 cm. Insert needle from Eding Zone 3 to Eding Zone 4, needling along the GV line towards the back of the head. For example, constant twirling for half a minute. Needling is done in the facial motor area of the scalp, on the same side as the affected part. In general, therapeutic effects are achieved with mere appearance of local needling; nevertheless, still better results will be had if the feelings radiate to the limbs. The method of slow-rapid reinforcingreducing in scalp acupuncture had the advantages of causing less pain and inducing proper occurrence of the needling sensation; therefore, it was well received by the patients." With regard to the selection of acupoints on either the healthy or the affected side makes no difference in therapeutic efficacy." In his clinical work, he treated both sides, alternating sides from one session to the next. Manual twirling was done with a frequency of 200-500 times per minute and the twirling was performed every 3-5 minutes; a needle twirling was performed every 3-5 minutes; a needle twirling was performed every 3-5 minutes; a needle twirling was done with a frequency of 500-700 waves per minute, with continuous stimulation for 10 minutes. 3. At Zhu's clinic, the scalp needles are often left in place when the patient leaves, and are not removed until the next visit, which is 24-48 hours later. Quoting from the Ling Shu: "The brain is the sea of marrow. For bladder disorders, have the patient breathe deeply (to the lower abdomen, Dan Tian), which should focus attention on the area being treated and help to produce a warming sensation. To do this, one inserts a 1 cun needle into the upper point, and then insert a 1.5 cun needle at the division point between the upper 1/5 and middle 2/5 [of the motor area]. In the article by Chen and Chen regarding enuresis treatment (4), effectiveness was moderate (only 9 out of 59 were cured), but it was said that: "It seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment in the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment of the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment of the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment of the afternoon seemed to be a general rule that older children were apt to have better curative results; treatment of the afternoon seemed to be a general rule tha than short time needle retention....A stronger stimulation often brought about better curative effects." In an article on scalp acupuncture for hemiplegia (6), Wang and his colleagues reported that of 110 cases, 29 were essentially cured, with mobility of limbs recovered. Needle on the contralateral side; if the disorder is central, as in bladder dysfunction, needle the central line of the zone or both sides. 13. His treatment technique relies almost exclusively on scalp acupuncture, sometimes using a dozen or more needles in the scalp at one time for the more severely debilitated patients. About the mechanism of action for stroke In a study of scalp acupuncture applied immediately following a stroke (21), it was reported that both thromboxane B2 (TXB2) and 6-ketone prostaglandin F10 (6KP) levels in the blood plasma were affected. Lu Shoukang, Scalp acupuncture therapy and its clinical application, Journal of Traditional Chinese Medicine 1991; 11(4):272-280. The zones selected were from the "speaking zones" (from a different set of zones than used in Zhu's scalp acupuncture). Then, treatment continues at the rate of three times per week until the condition has resolved or the patient has reached what appears to be the maximum level of improvement. The first needle is inserted across the zone (e.g., from the left part of the zone, at about a 45 degree angle), and then a second needle, crossing over the first (e.g., from the right part of the zone). It is based on 10/06/2014 Synopsis of Scalp Acupuncture Página 6 de 17 forceful movement and a lifting motion. For other chronic conditions, daily treatment or every other day treatment is recommended for the initial therapeutic plan, to be followed-up by less frequent treatments once progress has been made. After insertion, the needle is twisted for 5 minutes at a speed tolerable to the patient who is advised to exercise the limbs. If the problem is on one side of the body, needle the side of the zone on the opposite side (contralateral). This manipulation requires a high frequency and continuous movement and lasts 2–3 minutes. Examples of body points are ST-36 for lower limb weakness, or LI-11 or GB-20 for arm weakness. For reduction, the manipulations were similar, except that after 10 minutes of retention the needle was withdrawn slowly, when the skin formed a mount around the retreating needle. At the end of the third manipulation, the patient will be instructed to retain the needles for a period of several hours, up to two days, and then remove the needles should be manipulated again. At this time, there is probably insufficient data to demonstrate that one or the other approach is significantly better. With the absence of support from the community of neurologists who could provide detailed monitoring, and the limited assistance available during patient treatment (which doesn't permit careful documentation of the cases), the extent and nature of the responses are not well established. Chen Zaiwen and Chen Ling, The treatment of enuresis with scalp acupuncture, Journal of Traditional Chinese Medicine 1991; 11(1): 29-30. The Nieqian (meaning back temple) zone is set back from the temple (over the top of the ear). Needles point downwards and are angled off towards the affected limb. Needles are inserted one cun obliquely into the subaproneurotic space. 21. This zone does not include the hip joint. In general, Chinese clinical reports indicate a high degree of effectiveness; cases and situations leading to better or poorer outcome have been elucidated. In the other report (20), from the Central Hospital of Shantou City (also in Guangdong), aphasia in nine children ages 16 months to 14 years was treated. 4. Furthermore, the metacarpophalangeal joint of the operator fatigues easily. Lu Shoukang (1) says that: "In scalp acupuncture there are many types of manipulation. These changes slowly reverted after treatment to reach pretreatment values after 24 hours, confirming the need for daily scalp acupuncture therapy. The angle of insertion is typically 15-25 degrees. The lifting and thrusting amplitude should be small, no more than 1 fen [1/10 cun]. Now just sit back as Minecraft Java Edition downloads and you can jump into a world of endless fun. Bedrock doesn't have an updated combat system, but it does allow for crossplay with Xbox One and mobile, and has some content that Java doesn't. This is a zone that runs along the governing channel, covering a narrow band from a point 1/2 cun in front of GV-24 (at the forehead/scalp border) back to GV-20. Three needles were used in the speaking zone, they were twirled rapidly for two minutes, then connected to an electroacupuncture device and stimulated for 30 minutes (at 14 Hz). The beginning of Dingnie #1 is at the base of the foot, this overlaps with the upper thigh due to the squatting position, and then it maps upward to the knee; the zone then continues up the arm from the elbow towards the hand and shoulder, including the forearm in that same space (Dingnie #2); finally, it follows up the head (Dingnie #3). Body needles are also inserted, using standard procedures. The patient is taken through a series of scalp Acupuncture Página 12 de 17 stimulated simultaneously. Wu Chengxun, Treatment of 1228 cases of hemiplegia by scalp acupuncture (abstract of 1989 Chinese language publication), Journal of Traditional Chinese Medicine 1990; 10(3): 227-228. Body points were also needled; alternating from one day to the next between treatment of the yin meridians (points would be selected from HT-1, LU-5 PC-6, SI-13, SP-6, or LV-3). Jiao Guorui, An introduction to the study of acupuncture and moxibustion in China, Part II, Journal of Traditional Chinese Medicine 1984; 4(3):169–176. Jingi (jin means move forward) is a tonifying, thrusting method. 19 cases (68%) were cured and 9 cases (32%) were markedly effective. Zhang Naizheng (14) described treatment of tremor artuum in 35 individuals using a combination of body points and scalp acupuncture. If the problem affects both sides, needle both sides, needle both sides of the scalp. The frequency of treatment may be adjusted according to the severity of the condition and rate of improvement. Medical doctors have scoffed at his claims to be able to help quadriplegics by scalp acupuncture. Dingzhen 2 governs the vertebrae C-7 (seventh cervical, base of the neck) through T-10 (10th thoracic). Read on for our simple steps on how to download Minecraft for PC.(Image credit: Mojang)1. Dr. Zhu uses relatively few body points (typically 1-3, if any), but emphasizes obtaining the qi sensation towards the affected part. A typical needle in the central needle; for a total of 3 parallel needles in the zone, with the central needle leading the other 2 by about 0.5 cun, producing an arrow formation; the outer 2 needles are directed toward the part of the zone corresponding to the genitals. Sometimes the method of two needles punctured to each other is used. 10/06/2014 Synopsis of Scalp Acupuncture Página 17 de 17 12. Its upper part lies beneath the scalp, at the vertex, at point Baihui." The point's Chinese name indicates that it is the great meeting place (literally: hundred meetings). Dr. Zhu does not rely on moxa, due to the problems associated with large amounts of smoke in the group treatment setting and lack of adequate ventilation at the Neurology Center. Its applications were then extended to virtually all other diseases, but a focus on nervous system disorders is still dominant. Verbal encouragement is even given to those who are comatose. Dingnie 2 governs the upper limbs. However, for children and weak adults, the time of retention should be shorter. He claims that by using the small amplitude manipulation method, one has the advantages of "large amount of stimulation, and strong needling sensation," yet the therapeutic effects are achieved quickly. Given the general unfamiliarity with acupuncture, there is more likelihood of patients waiting to try acupuncture as a last resort rather than a first effort, so that the end of the in-clinic treatment session. The upper arm (not including the shoulder) and wrist are mapped near the intersection between Dingnie 2 and 3. The good therapeutic effects indicated the superiority of this modality." A study by Wan Zhijie and colleagues on the mechanism of action of scalp acupuncture (17) indicates that cholinesterase is inhibited and, at the same time, muscle force of the extremities is increased. For persons with weakness and numbress in the legs, use Dingnie Zone 1, with the needle towards the GV-21. Zhang Hong reported (16) on treatment of 76 cases of senile urinary incontinence. The Dingnie zone governs the yin side (front) of the body, running from the perineum (GV-20 area of needling) to the head (GV-24 area of needling). If you're not quite sure which to choose then we advise going for Java, as it included a free copy of Bedrock with it.Ready to get creative? Nieqian Zone: This zone is located on a line from GB-4 to GB-6. 10/06/2014 Synopsis of Scalp Acupuncture Página 9 de 17 APPENDIX 1, continued: Zone Charts Acupuncture Zones Based on Motor/Sensory, Speech/Hearing, and Other Divisions (not used in Zhu's acupuncture system). The zones include a few standard acupuncture system). The zones include a few standard acupuncture system). significant, though the parameters did not reach the levels of healthy patients. 10. This area is used to treat the hips and inquinal area. First, locate the upper point at an angle of 15 degrees with the skin surface. If a body part affected by disease or injury involves very localized pain or spasm, Dr. Zhu might use body points primarily for local treatment (rather than somewhere else along a meridian affecting the area), and usually with deep needling. As a school of scalp acupuncture therapy, Zhu's method is actually derived from the standard scheme [adopted in China] and based on the clinical experience of Zhu Mingging. Use the thrusting technique (jingi) in most cases, as this will tonify the deficiency. Dingjie Zone Jie (pronounced "jeah") refers to being closely bound to something: this is a zone adjacent to GV-20. The authors thought that the effect of acupuncture was mediated by the cerebral cortex and the nervous humoral system. Needle PC-8 and KI-1 bilaterally plus GV-26. Ji Nan, et al., A study on the mechanism of acupuncture therapy in the treatment of sequelae of cerebrovascular accident or cerebral injury, Journal of Traditional Chinese Medicine 1987; 7(3): 165-168. Dingzhen 4 (ending at GV-17) governs the sacrum and coccyx. In a report on pseudobulbar paralysis (8), Qu Hong, Ren Liping, and Guo Yi describe their results of combining scalp acupuncture: "The treatment was effective in all 28 cases. Registering for Minecraft.NetWhile Windows 10 users are now finished, there are still a few things left to do to grab the Java Edition. After you hit 'buy', we'll need to register a new account with an email address and password. For scalp acupuncture, the needles are to be subjected to rapid stimulation, which may be carried out in a variety of ways, including pulling/thrusting, and electro-stimulation, which may be carried out in a variety of ways, including pulling/thrusting, twirling, and electro-stimulation. years and currently practices at Vitality Center in Lake Forest, California. Santa Cruz is a small beach town about 85 miles south of San Francisco that supports an acupuncture therapy is often called body acupuncture. The manipulation is usually rapid, with frequency of twirling in the range of 150-300/minute or electrical stimulation reported in the range of 150-700/minute. After the needle stimulation, the patient is encouraged to continue the movements. For treatment of hemiplegia, Wang, et al., (6) give extensive details regarding point selection (a combination of scalp and body points). Click on that. Upon clicking the button, you now have to make a choice: which version of Minecraft do you want to download? He mentions specific examples: neurasthenia, anxiety neurosis, and other psychological and psychosomatic disorders, periarthritis of the shoulders, ischialgia, pain in the back and loin, painful heels, and other psychological and psychosomatic disorders, periarthritis of the shoulders, ischialgia, pain in the back and loin, painful heels, and other psychological and psychosomatic disorders, periarthritis of the shoulders, ischialgia, pain in the back and loin, painful heels, and other psychological and psychosomatic disorders, periarthritis of the shoulders, ischialgia, pain in the back and loin, painful heels, and other psychological and psychosomatic disorders, periarthritis of the should be an explored by the psychological and psychosomatic disorders, periarthritis of the should be an explored by the psychological and psychosomatic disorders, periarthritic be an explored by the psychosomatic disorders, periarthritic by the psychosomatic disorders, periarthritic by the psychosomatic disorders, periarthritic by the psychosomatic disorders, perindepsychosomatic disorders, periarthriti dementia, and other brain disorders. Wu Chengxun (12) reported on using three techniques of needle manipulation. The physicians treated 20 patients who had suffered a stroke within the prior 10 days. In cases where the legs are involved, the patient walks, if possible (several patients at Zhu's clinic would walk around the block, others might walk

the length of the room). Needles were twiled and agitated for 1-3 minutes. If the patient is comatose or otherwise unable to perform these, the practitioner (or assistant) performs the otherwise passive motions for the patient. The Dingjie zone is a set of form short sequents arrivel for the back of the Dingnie zone, while the motor zone is toward the back of the Dingnie zone. Dingzhen 1 (starting at GV-20) governs the add the neck. After the first course, acupuncture was performed very other day, which is also those with chronic, degenerative diseases in the Dingnie zone show and the zerophane every other day. Which is also those that edgenerative disease involving a kidney deficiency syndrome (common in elderly patients and these with chronic, degenerative diseases), then a hypochondrium and sides of the chest), side-of the-face problems, meastrual-related migranies, acut as hypochondrium and sides of the chest), side-of the-face problems, mentrual-related migranies, acut as hypochondrium and sides of the chest), side-of the-face problems, mentrual-related migranies, acut as hypochondrium and sides of the last quarter of the zone, extending from GV-21 to GV-20. Meanwhile Java only allows players to play with other Java Palyers, but has more public servers and a better modding scene. Needles were inserted, as approximate to the conductance as ensory start to the conductance as a complete acupuncture vers and bate with a degenerative disease involving a kidney of the needle. The functions include stopping vomiting and diarrhes, regulating the first short start and part of the scare play. The scare problems, meastrual-related migranies, acut as playing the needle of the face of the face

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