

clinical research of the preventive treatment form igrainousvertigo without headanche and observing the evoke dpotential

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Abstract:

ObJECTive: ToobseRvethepr[Eve]ntivetREATmeNTforpatientswithnon-headachetyPemigRainevertigo. Method: 48Case soFpatieNTs withnon-HeaDACHetypemIgRaINevertigowereRAndomlyDiviDeDintotREATmeNTgroupaNDControlgro up. TheTreatmentGroupwasgoingtobetReatedbyflunarizine, andtheCoNTrolgRouPwasgoingtobetReatedbyBetahIsti\ ne. Allofthemtook a8-weektREATmeNTperioD. SepaRAtelysTudyvisuaLevokedpotentialLmeasurEmentoFmigRaINePati entswithvertigobeFoReaNDAftertheRapy. Result: 8weeKsafterthetREATmeNT, ThecuRativeeffECToftheTreatmEntgroU PwassignificaNTLybetteRtHatHeControlgroup($X^2=27.1888$, $P[0.01$, p a) tieNTs WithvertigoweR[E]RECEivinGProsthEtictReaTmeNT($P"0".1$, a n) dthemiGRaineveRtigoPatientsoFUNUsualyvisuaLevokedpotentialLmeasurEswarealsoeaseDAftertReatmenT. ConClu sion: ForthePatieNTs withnon-HeaDACHetypemIgRaINevertigo, FlunariZINePreventivetReaTmeNTHasbeTTeRclinical curativeeffECT.

Keywords: MigRaINevertigo; FlunariZINe; PreventivetreatmeNT

approximately 10 years before, NEUh, AUSeR and so forth Headache Glare Halo (MIGRAINOUSVeRTiGO, MV) an overview of Read [1,2], so far already answered by most scholars subject [3-7]. from to MV can only appear as a simple glare Halo (With headache or no head Pain), Because this cannot be simple as a precursor to migraine syndrome. Classic Migraine Vertigo patients with migraine and migraine History, Easier Areapoints. but for some non-Migraine Vertigo with headache typewhobecause phase of clinical features like, ease with the United States Nicholass syndrome mixed Xiao. Research investigate by not having headachessimple identification of type migraine Vertigo Set, and preventative treatment of patients Healing, achieve good clinical treatment effect.

1. Information and methods

1.1 General Funding Material: Suffering who all to 2012 Years 8 month to 2013 Years 12 month neural within section and ent to be able to adhere to medication and regularly follow visit to non-companion headachetype migraine Actors. Common Selection 48 Cases, male 20 Cases, Year Age 22 — 56 Years old, Female Sex 28 Cases, Year Age 28 — 76 Years old, Ping All (48 . 50±14 . 56) Years old. Treatment Therapy Group 24 Patient who, Man 10 Cases, Woman 14 Cases, Average year Age (47 . 78±14 . 28) Years old, its patients with migraine aura 12 Cases, have Who has a certain predisposing factor 6 Cases, someone in the family have Migraine History has 2 Cases, have high frequency area hearing loss and before patients who are not effective in treating ENT in the United States 4 Cases; Control Group 24 Cases, Man 10 Cases, Woman 14 Cases, Average year Age (49 . 22±15 . 66) Years old, with

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migraines in it First People who have megabytes 16 Cases, have a certain causative factor 2 Cases, partial head pain History has 4 Cases, High Frequency Area hearing Next drop and before ENT treat US Neil Patients with invalid 2 Cases. two groups of patients differences in gender and age and general information differences are comparable Sex.

1.1.1 shortlistQuasi:yearAge \geq 18Years old;characterNEUh,AUSER [5] Diagnostic LabelsQuasi:above the vestibular diseasehairas(vestibular symptoms refer to rotational glareHalo 、 other selfmove outside objectmoveMagicfeel 、 Positional GlareHalo 、 Head Motion Intolerance, and so on);Theaffectedpersoncan have the following reasonsvegetarian: ① AwesomeLight 、 AwesomeSound 、 Visual Migraine FirstMega; ② listeninghighfrequencyareadrop(treated without ENTeffect); ③ has a certain causeVegetarian,Such as:SpecialFoodObjects 、 SleepPoor 、 Hormonal Changes, and so on; ④ migraine in immediate family of patientsHistory.where the factor is clearMigraine Vertigo Patientswho,Other factorspatients with possible migraine Vertigoperson.

1.1.2 Exclude LabelsQuasi: ① FluorineFlunarizine Allergywho; ② patient Vertigosend do withheadacheform; ③ itsHeVertigo Patientswho,Such as:Middle EarInflammation,American Neilill,Severe cervical spondylosis, and so on; ④ CriticalLiver and kidney diseaseill 、 Blood system diseaseill 、 Self-immunizationill 、 Chronic SeverityDye 、 Sugar Urineill 、 FineGodill 、 SuckPoison 、 Alcoholismwho; ⑤Pregnancy and lactationperiod

Accept Flunarizine Hydrochloride(Product Name:Western Spirit,Xian Yang Sen Pharmaceutical Co., Ltd.),??Older patients5mg/Times,Patients under age10mg/Times,Take it before bedtime.RightTreatment of Betamethasone Mesylate(Product Name:Min-Lang,Eisai China Pharmaceutical Co., Ltd.),12mg/Times,3Times/D,RiceAfter taking.Both groups are8Week.After two weeks of discontinuation, follow up..Furthermore,Study on the selection of patients for visual evoked potentialsInvestigate,See if there is a connection.

1.2 observation Index and curative effect determinationsuperscriptQuasi: ①Degree of Vertigominutes,divided into threelevelscommentestimate.Lightdegrees(1Part):Aggressive GlareHalo,but does not affect normal healthLive;degreesin(2Part):affect daily workmake,But part of life can befromreason;Heavydegrees(3Part):Affect dayRegular work 、 Live,BedRest.②evaluation of curative effect,pointsto the followinglevels:①Mitigation:1No Vertigo episodes in months; ② explicitEffect:1Month Vertigo attack Timesnumber before treatmentless \geq 50%; ③ haveeffect:1monthsInternal Vertigoepisodes decrease by \geq before treatment25%,ButThe50%; ④ None:1Vertigoepisodes are less frequent than before treatmentThe25%;SlowSolution 、 Explicit2levelconsidered overalleffective.Before treatment and treatment8Clinical evaluation of postmenstrual on patients.

1.3 Visual LureSendResearch on potentialsinvestigate:before treatmentafter the explicitPatients with migraineVertigoViewAuditoryevoked potentials researchinvestigate,and observe the knotFruit.CheckTest Squaremethod:TakeUnited StatesLKCCCompany ProductionUTAS — E3000Visual potentialtraphair system.Stimulus Barpieces:make19EnglishinchCathode raysTube DisplayDevice(screenlightsmosthigh80ED/M,contrastis97%)make full field stabexcitation.Select black and whitechessdisk format Flip graphics as stimulus mapform,SolidViewpointto central redpoint.Correlation Parameters:The maximum magnification is100K,Low frequency cutoff for1HZ,50HZAs a highfrequency intercept.Select1 . 5HZAs the frequency of stimulation.According to the relevant instructions,A study of visual evoked potentials in patients.Itsmediumcheck distance for patients10CM,Let30degreesand60degreesTheviewstimulates the graphic overlay to stimulate each50Times.Record two test results.

1.4 Statistical sideMethod:UseSPSS17. 0Softpieces,Mining Data separatelyX2AndT

Inspection.

2. Knot Fruit

Table1 8Comparison of vertigo scores between two groups after week

GroupnoExamplenumbertreatmentbeforetreatmentafterTreatmentGroup242. 33 \pm 0. 550. 71 \pm 0. 81*ControlGroup242. 30 \pm 0. 531. 89 \pm 0. 69*

Women;⑥Non-prescribed medication and irregular follow-up;⑦Other researchers think

Reasons for not being selected.

1. 2ResearchSquareMethod:Thepatient israndomly assigned to two parallelGroup.Preventive TreatmentGroup

$T^*=3.8416, P[0.1$

2.1 Clinical Therapy effect: Treatment Therapy 8 Week after, treatment Groups and Control Vertigo degree of a group

Comments divided to (0.71 ± 0.81) And (1.89 ± 0.69) , Under preventative treatment, The degree of vertigo in the treatment group decreased significantly compared with the control group. ($P=0.001$), Detailed table 1.

also always efficient side face, Treatment Group always efficient 83.33% (20/24), and for total efficiency in groups 8.33% (2/22), $P=0.01$. See table 2.

2.2 visual evoked potential knot Fruit: specifically for migraine Vertigo 28 Example Patient Medium,

Before treatment 12 Patients who (42.8%) Potential result Positive often, 16 Cases Actors (57.2%) Show different results often (Treatment Group 5 People, Control Group 11 People). Single Eye N75 — P100 affected by low amplitude 7 Cases, Double Eye 4 Cases; and single side P100 Latency delay altogether 3 Cases, Double Eye 2 Cases (Figure 1). Treatment after, to this 16 Example Exception patient Go again line visual evoked potential retest, Results Show, Treatment Group 5 case of abnormal patient evoked electricity bit Display Positive often, and the effect is slow Solution (Figure 2). and Control Group 11 Patient people knot fruit remains different often.

3. To ask the

Recurring Episodes Sex Vertigo Companion migraine characteristic accompanying symptoms or I have a definite bias Pain History, and so on, for Diagnosis MV does not Difficult but most MV symptoms are often less typical type, mainly because of the clinical manifestations of different patients in a larger difference different, Vertigo and Headaches between patients with clear connections often do not foot 50% [1]. This allows See, Migraine Vertigo with no headaches patients in probed is more difficult to distinguish. this outside, Offset Headache Vertigo and the United States of America can also be caused by for clinical similarity is not advisable Don't. Research issued is MV Patients who have abnormal hearing, mainly high Frequency drop to Main. This study Medium, vertigo and headaches are not fixed off Department, but its Medium patients with migraine symptoms 30 Cases (62.5%).

In other patients, the patients with low frequency hearing loss and the treatment of the United States were ineffective 6

Cases (12.5%), There are some special affected by the stimulus 6 Cases (12.5%), also outside this has 6 Patients with migraine in immediate family members History (12.5%).

Clinical Results Show, Used drug 8 Week after, treatment group in Vertigo degree and treatment has More efficient than Yes Photo Group, significant statistically significant meaning ($P=0.01$), from knot results can be seen pre Preventive treatment for non-headache-biased head pain Vertigo patients with have a good treatment effect. for explicitly biased patients with headache vertigo who, before treatment performed visual evoked potentials research Investigate. in Treatment before, 57.2% related patients out now evoked potential different often, while in therapy after, induction of related patients in the treatment group potential results are displayed as positive often, the test results for patients in the control group are still different often.

From the results of the study, Fluoride flunarizine as prophylactic therapy has a better effect on patients with headache vertigo without headache type, This also validates the migraine glare from the side The mechanism of halo formation may be similar to that of migraine. The study of evoked potentials The results showed that the difference in visual responsiveness of patients with specific migraine, Description section Mv The patient has a cerebral ischemic phenomenon and the range of effects has been covered by visual communication Lu. Nutshell, Non-headache-associated migraine Vertigo, Only drug-treated Case, Preventive treatment or better results.

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