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

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Abstract:
Objective:Toobservethepreventivetreatmentforpatientswithnon-headachetyPemainigrainevertigo.Method:48CasoFpatieNTswithnon-HeaDAChetypemIgRaINevertigowereRAndomlyDividetodTwoGrOup.TheTreatmentGroupwasgoingtobetreatedbyflunarizine,anDtheCoNTrolgROUpwasgoingtobetreatedbyBetaHIS.Ine.AllofthemtookateightweeKsTREATmeNT.PerioD.SepaRAtelysTudyvisuaLevokedpotentiaLmeasurEmentoFmigRaINePatieNtswithvertigoFoRanDAFTertheRapy.Result:8weeKsafteRTREATmeNT,ThecuRativeeffECToftheTREATmeNTgroUpwassignificaNtlybetteRtHatHeCoNTrolgroup(X2=27.1888,P<0.01,.)tieNTsWithvertigoWEReCEivinGPrOsthetiCReaTmeNT(P"0.1,).n)themiGraNeveRtigopatieNtsfoRusuaLevokedpotenTiaLsmeasureRswerealsoleasDAFTerTREATmeNT.ConCluSion:ForthePatieNtswithHeaDAChetypemIgRaINevertigo,FlunariZINePreventivetTREATmeNThasbeTTeRclinicaLcurativeeffECT.

Keywords:MIgRaINevertigo;FlunariZINe;PreventivetreatmeNT

approximately 10yearsbefoRe,NEUh,AUSERand so forthHeadacheGlareHalo(MIGRAINOUSVeiRTiGO,MV)anoverviewofRead[1.2],sofarreadyansweredbymostscholarssubject[37].fromtoMVcanonlyappearasasimpleglareHalo(WithheadacheornoheadPain),BecausethiscannotbesimplyasaprecursorptomigraineSyndrome.ClassicMigraineVertigopatientswithmigraineandmigraineHistory,EasierAreaPoints,ButforsomeNon-MigraineVertigopatientswithheadPaintypewhichoNtentialMigraineVertigoSet,andpreventiveTREATmeNTofpatientsHealing,achievegoodclinicalTREATmeNTeffect.

1. Information and methods

1.1 General FundingMaterial:Sufferingwhoallto2012Yearsto2013Years12monthneuralwithinsctionandenttobeaeductofmedicationandregularfollowvisittothenon-companionheadachetypeMigraineActors.CommonSelection48Cases,male20Cases,YearAge22—56Years,old,FemaleSex28Cases,YearAge28—76Years,old,PingAll(4850±14),56Years,old.TreatmentTherapyGroup24Patientwho,Man10Cases,Women14Cases,AverageyearAge(47.78±14.28)Years,old,itspatientswithmigraineaura12Cases,haveWhoahasacertainpredisposingfactor6Cases,someoneinthefamilyhaveMigraineHistoryhas2Cases,havehighfrequencyareahearinglossandbeforepatientswhoarenoteffectiveintreatingENTintheUnitedStates4Cases;ControlGroup24Cases,Man10Cases,Women14Cases,AverageyearAge(49.22±15.66)Years,old,with

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migrainesin itFirstPeoplewhohavemegabytes16Cases,haveacertaincausativefactor2Cases,partialheadpainHistoryhas4Cases,HighFrequencyAreahearingnextdropandbeforeTREATusNeilPatientswithinvalid2Cases,Two
groups of patientsdifferences in gender and age and general invalid differences arecomparableSex.
1.1.1 ShortlistQuasi:yearAge≥18Years old,characterNEUh,AUSER [5] Diagnostic LabelsQuasi:above the vestibular diseasehairas(vestibular symptoms refer to rotational glareHalo, other selfformmove outside objectmoveMagicifeel, Positional glareHalo, Head Motion Intolerance, and so on); The affected person can have the following reasons: vegetarian: ① Awesome Light, Awesome Sound, Visual Migraine FirstMega; ② listening highfrequency area drop (treated without ENT effect); ③ has a certain cause Vegetarian, Such as: Special Food Objects, Sleep Poor, Hormonal Changes, and so on; ④ migraine in immediate family of patients History, where the factor is clear Migraine Vertigo Patients who, Other factors patients with possible migraine Vertigoperson.

1.1.2 Exclude LabelsQuasi: ① Fluorine Flunarizine Allergy who; ② patient Vertigosend do with headache form; ③ its He Vertigo Patients who, Such as: Middle Ear Inflammation, American Neilill, Severe cervical spondylosis, and so on; ④ Critical Liver and kidney disease ill, Blood system disease ill, Self-immunization ill, Chronic Severity Dye, Sugar Urine ill, Fine Godill, Suck Poison, Alcoholism who; ⑤ Pregnancy and lactation period

Accept Flunarizine Hydrochloride (Product Name: Western Spirit, Xian Yang Sen Pharmaceutical Co., Ltd.), ?? Older patients 5mg/Times, Patients under age 10mg/Times, Take it before bedtime. Right Treatment of Betamethasone Mesylate (Product Name: Min-Lang, Eisai China Pharmaceutical Co., Ltd.), 12mg/Times, 3Times/D, Rice After taking. Both groups are 8 Week. After two weeks of discontinuation, follow up. Furthermore, Study on the selection of patients for visual evoked potentials Investigate, See if there is a connection.

1.2 Observation Index and curative effect determinationsuperscriptQuasi: ① Degree of Vertigominutes, divided into threelvelscommentestimate. Light degrees(1Part): Aggressive Glare Halo, but does not affect normal health Live; degrees in (2 Part): affect daily work make, But part of life can befrom reason; Heavy degrees (3 Part): Affect day Regular work, Live, Bed Rest. ② evaluation of curative effect, pointsto the following levels: ① Mitigation: 1No Vertigo episodes in months; ② explicit Effect: 1 Month Vertigo attack Times number before treatment less ≥ 50%; ③ have effect: 1 Month Internal Vertigo episodes decrease by ≥ before treatment 25%, But The 50%; ④ None: 1 Vertigo episodes are less frequent than before treatment The 25%, Slow Solution, Explicit level considered overall effective. Before treatment and treatment 8 Clinical evaluation of postmenstrual on patients.

1.3 Visual Lure Send Research on potentials investigate before treatment after the explicit patients with migraine Vertigo View Auditory evoked potentials research investigate, and observe the knot Fruit. Check Test Square method: Take United States LK Company Production UTAS—E3000 Visual potential traphair system. Stimulus Barpieces: make 19 English inch Cathode rays Tube Display Device (screen lightmost high 80ED/M, contrast is 97%) make full field stabeexcitation. Select black and white chess disk format Flip graphics as stimulus map format, Solid Viewpoint to central redpoint. Correlation Parameters: The maximum magnification is 100K, Low frequency cutoff for 1HZ, 50HZAs a highfrequency intercept. Select1. 5HZ As the frequency of stimulation. According to the relevant instructions, A study of visual evoked potentials in patients. Its medium check distance for patients 10CM, Let 30 degrees and 60 degrees They view stimulates the graphic overlay to stimulate each 50 Times. Record two test results.

1.4 Statistical side Method: Use SPSS 17. 0 Soft pieces, Mining Data separately X2 And T

Inspection.

2. Knot Fruit

Table 1 8 Comparison of vertigo scores between two groups after week

<table>
<thead>
<tr>
<th>Group</th>
<th>Example number before treatment</th>
<th>after Treatment</th>
<th>Group 242</th>
<th>33±0.5, 550, 71±0, 81*Control Group 24</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>30±0.5. 531. 89±0. 69*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Women; ⑤ Non-prescribed medication and irregular follow-up; ⑦ Other researchers think Reasons for not being selected.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. ② Research Square Method: The patient is randomly assigned to two parallel Group. Preventive Treatment Group
2.1 Clinical Therapy Effect: Treatment Therapy 8 Week after, treatment Groups and Control Vertigo degree of a group

Comment:itis 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% (20/24), and tortotal efficiency in groups 83% (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 Patient who (42. 8%) Potential result Positive often, 16 Cases Actors (57. 2%) Show different resultsoften(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 real test, 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 patient in a larger different, 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 MVPatients 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, significantly 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 potential 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. U. Nutshell, Non-headache-associated migraine Vertigo, Only drug treated Case, Preventive treatment or better results.

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