SECÇÃO CIENTÍFICA

FUNDAÇÃO DE NEUROLOGIA E NEUROCIRURGIA INSTITUTO DO CÉREBRO



Pôsteres apresentados no XXVIII Congresso Brasileiro de Neurologia em São Paulo/SP.

	OGIA E NEUROCIRURGIA TO DO CÉREBRO Clarme-Sahosfor BA-BRASE.		
EFFECTS OF CANABIDIOL IN FREQUENCY OF EPILEPTIC SEIZURES PEREIRA FA ¹ , TORRES AC ² , PHILADELPHO VO ¹ , NUNES LIO ³ , VELOSO CR ¹ , MASSA VIANA GP ⁴ , ANDRADE FILHO			
INTRODUCTION	RESULTS		
Currently an average of 30% of epilepsies are refractory to the more than 20 drugs available in the market. Various social and economic in- terests oppose the possible beneficial effects of the most abundant component of cannabis, limiting therapeutic study and access to epi- demiological data on use and effects. OBJECTIVE To establish the safety and efficacy of cannabidol (CBD) in reducing the frequency of epileptic seizures when used as monotherapy or in	Six articles were included in this review. Six articles were included in this review. Three of them were experimental uncontrolled clinical trials and the other three were experimental uncontrolled studies in humans. All studies showed a reduction in the frequency of seizures following the use of cannability, with a percentage reduction ranging from 43.9% to total seizure control. The most common adverse effects were sonolence, decreased appetite, diarrhea, vomiting, behavioral changes, and dizziness. The mean score of the studies in the CONSORT scale was 17.33 (14.68). No article scored less than 50%.		
combination therapy in patients with difficult to control epilepsy.	AUTIONS STRATUL BOIL CO. SWARCES MELLOS		
METHODS Study design: Systematic review according to the Preferred reporting items for sys-	Thiele Lennon- Isods and Po- Isod, 2018) 20 mg/ Bk/ 86 Lennon- Gastaut Syn- drome Lanna- Gastaut Syn- drome Lennon- Gastaut Syn- drome		
tematic review and meta-analysis protocols (PRISMA-P)	Explan 2 - 25 Struge- struge 3 to 5 patients had improve- ment of the selaure. (USA, 2017) 5/0 mg/Kg/ down where Syn- down a to 5 patients had improve- ment of the selaure.		
Eligibility oriteria and database: . Experimental studies that described the effect of Cannabidiol (CBO) on the frequency of epileptic seizures. . Written in English, Portuguese, Spanish or French. . Available on the following databases: PubMed. Bibliotece Virtual de	Devinsky (USA, 2016) 214/0 mg/Kg/ disp disp disp disp disp disp disp disp		
Soude and SciELO	Devinsky (USA, 2017) Kg/day drome 13-50		
Search: . The terms "epilepsy" and "cannabidiot" were used as descriptors, in	Hess (USA, 2016) 18/ 0 mg/Kg/ Scleronis Average change of 68.8% in the frequency of universe.		
according with the MeSH (Medical Subjective reading) and DeCS (Describeres en Céncies du Salide) VOCabulary, Combined with term "AND".	Cumba 200 – Multiple ref- int 200 /rectory epi- fractory epi- el, 1980) Solution Appliest of a solution el, 1980) day lepsies lepsies and 3 dd not thesi a doresus in the fractory epi- sitiants and 3 dd not the a doresus in the fractory epi- tary		
Study selection: . Articles were selected independently by two reviewers in three steps: triage by title, by abstract and by full article reading.	CONCLUSION		
Data collection process: . For each selected article, data regarding the objective of this review were computed and analyzed. We collected data about the charac- teristics of the sample and the control group; type, doie and extrac- tion site of the cannabidol; the use of other anticonvulsants; and the frequency of selaures before and after the use of CBD.	d article, data regarding the objective of this review and analyzed. We collected data about the charac- maple and the control group; type, dose and extrac- cannabidel; the use of other anticomulants; and		
Risk of bias: - Risk of bias was assessed with the CONSORT (Consolidated Standard for Reporting Trial) scale.			
1 Shadad Baarn by te Rain University of Bala, * Bladad Baarn by te Pater down of Santa Bladad adam by te Calaged Agrees with this Annua * Bladad adam by the Calaged Agrees with this Annua * Demo Date & Konsing at the Santange of Neuroscopy Fandadars. Sant Institute * Demo Date & Konsing at the Santange of Neuroscopy Fandadars. Sant Institute * Demo Date & Konsing at the Santange of Neuroscopy Fandadars.	Email presenting author: nandalmeida.p@gmail.com		



HEADACHE ONSET IN POST-STROKE PATIENTS ATTENDED IN A REFERRAL OUTPATIENT CLINIC

Laise Gisele de Souza, Evelyn Moura de Assis, João Vitor Nunes Sobreira Cruz, Lais Emanuella Carneiro Coelho, Vine Oliveira Philadelpho, Ana Cecilia Bispo Torres, Geovane Porto Massa Viana, Joab Cardoso Magalhães, Antonio de Souza Andrade Filho

INTRODUCTION

Headache is a frequent neurological se-quel in post-stroke patients, but there is a lack of epidemiological data within the literature when compared to the motor and sensory sequels.

OBJECTIVE

The main objective of the study is to identify the frequency of post-stroke headache and possible associations between the characteristics of the vas-cular event and the onset of headache in individuals followed at a specialized outpatient clinic in the city of Salvador, Bahia.

METHOD

This is a retrospective study with medi-cal records of 109 patients diagnosed with stroke, aged between 15 and 91 years old, attended between January and June 2017. Patients were charac-terized by gender, age, stroke type and subtype, etiology, affected vascular te-ritory and the presence of systemic ar-terial hypertension. The Chi-square and Fisher tests were used for the associa-tions, adopting a 95% confidence inter-val using the SPSS program, 23.0 ver-sion. Insufficient data on medical rec-ords and a case of transient isohemic attack were exclusion criteria.

RESULTS	
Variable	n = 109 (100%)
Headache x AVC	43 (39,45%)
Mean age (years)	58
Male	17 (39,45%)
Female	26 (60,46%)



275 875 1071 1075 108 Table 2. Eticlopies of AVC's p n = 43 (100%) Types Subtypes 12 (37,5)1 Lacunar 6118,7576 Carclowrited 3 (9.36)% 32 (74.42%) Aftercos 2(6.25)% Not specified 9 (28,12)% Hemorrhadi

MAV

Others

10 (23,25%) (20%) SAH

(80%) /PH

NE 1 (2, 33%) 10P=0.74

3 (30%)

5 (90%) 1 (10%

HANSEN, A. P. Development of persistent headache fol-hang granies, a Javan finance, Capiterge, Dennit, v. 35, WITMAR, P. D., Rohman, M. K., UHWE, B. R. SCO-LITZ, L. & WELCH, K. M. A. Factors determining headache is strait of availability of the company, John K. J. AREON, A. A. OLIVARES, M. G.; EROLES, L. G.; MAS-SONS, J.; COMESE: TARGA C. CURICAL implementa-ion for available is Javana Binker, Beiverson of Bin of Infran-Color, Hearter M. Dimmitus X. & J. 172-116, 2005.

DISCUSSION

According to the literature, in the stud-ied population, a higher frequency was observed in females, with is-chemic stroke being the main type, associated with a predominance of right hemisphere cerebral involve-ment¹. Differently from some studies, a greater number of patients with post stroke badache and biober and a greater number of patients with post stroke headache and higher age were found. It was also demonstrated a higher frequency of lacunar sub-type, with statistical significance, a finding consistent with studies by Ar-boix (2008). In the present study, cor-roborating with the study by Mitsias (2000), a high frequency of hyperten-sive individuals who developed post-stroke headache was observed. How-ever, the calculation of the prevalence entio showed that hypertension was a ever, the calculation of the prevalence ratio showed that hypertension was a protection factor. Some authors sug-gest that, in chronic hypertension, the alteration of the intracranial vascula-ture to a state of greater rigidity pre-vents the activation of trigeminal in-paryation and may day a protective

nervation, and may play a protective CONCLUSION

Post-stroke headache is a common neurological sequel and seems to be associated with previous systemic ar-terial hypertension. Given the lack of articles on this matter, it is necessary to expand the profiling of these pa-tients, in order to allow a better inter-vention regarding the prognosis, reha-bilitation, treatment and implement of secondary preventive measures, aim-ing to reduce the occurrence of post-stroke headache.

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PROSPECTIVE PANORAMA OF DEMENTIA IN SALVADOR: A DEMOGRAPHIC AND DIAGNOSTIC APPROACH

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Fundação de Neurologia e Neurocirurgia | Instituto do Cérebro

CASE PRESENTATION

Dementia is a syndrome characterized by cognitive decline that interferes in the social or professional activities of the individual, being a disease that mainly affects elderly population. There is a tendency in Brazil for population aging and, associated with this, the diagnosis of the different types of dementias is becoming more prevalent. The main objective of the study is to estimate the prevalence of different demographic characteristics of the diagnosed patients.

METHOD

A prospective longitudinal study that evaluated 173 patients over 60 years old by applying the screening test "Minimental State Examination Scale" in the city of Salvador, Bahia, Brazil. **103** patients had poor performance in the test and were evaluated and followed up in a medical consultation for cognitive assessment in the period from 2015 to 2018. The variables gender, age, ethnicity, education, income and result in Minimental State Examination Scale were analyzed.



The prevalence of dementia in the city of Salvador follows the world line: Alzheimer's Disease goes ahead, showing higher prevalence, followed by Frontotemporal Dementia, Vascular Dementia, Depressive Pseudodementia and Mixed dementia. There were no diagnosis of Lewy Body Disease. The vast majority of the study population has the risk factors for dementia: female, age over 65 and schooling less than 8 years. Being a health priority according to WHO, dementia in the elderly requires early diagnosis and universal recognition, according to their clinical and educational characteristics, for a better treatment and care of these elderly people.

FINAL CONSIDERATION

According to the literature, this study demonstrated a higher prevalence of Alzheimer's disease and also a correlation between schooling and the development of dementia. Although Alzheimer's disease is the most prevalent, it is important to have knowledge of differential diagnoses of Dementias in order to obtain early diagnosis and provide better therapeutics.

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	Available from: <ttp: scielo.php?scipt="sci_attixt&pd=50004-282X2005000200003&hg=en&nrm=ise" www.scielo.br="">. ISSN 0004-282X. http://dx.doi.org/10.1050/50004-282X2005000200003.</ttp:>	UNE

DIFERENT DIAGNOSIS OF DEMENTIA ON THE STUDY

LEUKOENCEPHALOPATHY ASSOCIATED WITH **METHOTREXAT: A CASE REPORT**

<u>Cícero R. Veloso</u>, Laise G. de Souza, Evelyn M. de Assis, João V. N. S. Cruz, Larissa I. O. Nunes, Pedro A. A. Lopes, Felipe R. P. V. Santos, Ivã T. F. Silva, Frederico L. S. Figueiroa, Antônio de S. A. Filho



Fundação de Neurologia e Neurocirurgia | Instituto do Cérebro

CASE PRESENTATION

A 39 years old woman, tertiary education, presented leukoencephalopathy and dementia during low-dose oral methotrexate (MTX) treatment. In 2013 she was diagnosed Ieukoencepnalopathy and dementia during low-dose oral methotrexale (MTX) treatment. In 2013 she was diagnosed with Rheumatoid Arthritis and started oral MTX, referring few episodes of headache as an adverse effect. As of 2016, due to worsening headache and recent memory impairment, she began to make irregular use of medication on his own account for associating such complications to the MTX. In March of 2017, the patient presented slight cognitive impairment, compromising her laboral activitice. Magnetic Resonance Imaging (MRI) of brain showed enhanced signal intensity in deep white matter and periventricular regions, on both hemispheres and almost through the whole extension of the corpus callosum. The MRI protons spectroscopy revealed demyelinating compatible metabolites, what was later corrobrated by brain biopsy study. The cerebrospinal fluid (CSF) was normal. Rheumatoid factor and P–anca were positive, no other auto-antibodies were found. The neurologic picture worsened even after complete MTX stoppage, patient evolved with cerebellar damage, noted in new MRI, apraxia, speech disturbance, memory deficit, sphincter dysfunction and spastic quadriplegia, with a great impact in dysfunction and spastic quadriplegia, with a great impact in daily activities.



Magnetic Reso periventricular mance Imaging (MRI) showing sign alteration in deep white matter and regions, on both hemispheres, suggestive of demyelinating disease.



Magnetic Resonance Imaging (MRI) sho of the brain biopsy he sequel lesio

DISCUSSION

There are few case reports of brain toxicity induced by lowdose oral MTX treatment, however, the brain white matter dose oral MTX treatment, however, the brain white matter alterations observed in MRI and the clinical condition, are similar to reports of leukoencephalopathy secondary to intrathecal or intravenous MTX therapy. The absence of finding in CSF contributes to the exclusion of differential diagnostics. Literature describes clinical pattern of progressive dysarthria, ataxia, unstable gait and cognitive impairment. An eight cases study revealed that 88% of patients present epileptic seizures, although that did not happen in our case. The pathogenic mechanism is still unknown in spite of trying to elucidate hypothesis of cumulative toxic MTX effect in the blood-brain barrier, as well as homocysteine accumulation.

FINAL CONSIDERATION

Leukoencephalopathy induced by MTX should be considered as a rare differential diagnostic of demyelinating lesions with pattern similar to the reactivation of JC virus. common in immunosuppressed patients.

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PSYCHIATRIC DISORDERS AFTER STROKE IN PATIENTS ATTENDED AT A NEUROLOGY OUTPATIENT CLINIC IN THE CITY OF SALVADOR/BA.

Laise Gisele de Souza; João Vítor Nunes Sobreira Cruz; Laís Emanuella Carneiro Coelho; Evelyn Moura de Assis; Leonardo Novaes Modesto Fernandes; Cícero Rodrigues Veloso; Antônio de Souza Andrade Filho

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INTRODUCTION

Stroke can lead to several clinical manifestations as psychiatric disorders, which occur by psychological and pathophysiological alterations. The main objective of the study is to Identify the frequency of psychiatric disorders after stroke and possible associations between characteristics of the stroke and the occurrence of psychiatric disorders on patients attended at a neurology outpatient clinic in the city of Salvador, in the state of Bahia.

METHODS

This is a retrospective study with secondary data in which were analyzed records of 109 patients with age ranging from 15 to 91 years old attended from January to June 2017. The variables evaluated were sex, age, classification of types and subtypes of stroke, etiology, brain vascular territory, cognitive clinical condition and presence of psychiatric disorders like depression. The associations were tested using chi-squared and Fisher tests. A confidence interval of 95% was adopted using SPSS 23.0 software. Patient records which had insufficient information and a case of transient ischemic attack (TIA) were excluded from the study.

RESULTS		
Table 1: Characteristics psychiatric patients after AVC		
VARIABLE	n = 109 (100%)	
Psychiatric disorder	36 (33%)	
VARIABLE	n= 36 (100%)	
Female	23 (63,89%)	
Average age (in years)	52	
Depression	22 (61,1%)	
AVCi	20 (55,5%)	
AVCh*	13 (36,12%)/RP = 1,85	
VASCULAR TERRITORY n= 36 (100%)		
ACMD	12 (33,33%)	
ACME	7 (19,44%)	
CEREBELAR	3 (8,33%)	
ACAD	1 (2,8%)	
ACAE	2 (5,55%)	
ACPD	2 (5,55%)	
NE	9 (25%)	

Table 2. Etiologies of AVC's population sampling

Types	Subtypes	n = 32 (100%)
	Indeterminate	10 (50)%
Ischemic	Cardioembol.	3 (15)%
20(55,55%)	Atherosc	3(15)%
	NE	4 (2)%
	SAH	3 (23,07%)
Hemorrhagic 13(36,12%)	ICH	9(69,23%)

DISCUSSION

It is recognized by the literature that the right hemisphere is the carrier of right hemisphere syndrome, characterized by communicative-cognitive-behavioral. In our study, the prevalence of depression was 61.11%, which is in agreement with a literature. Studies show that some anatomical regions are identified as psychopathological manifestations, such as frontal, temporal and cingulate lobes. It is known that the frontal lobe can be associated with a higher prevalence of Depression. In contrast, the main thing is the control of high frequencies of right hemisphere and increased involvement of the middle cerebral artery.

CONCLUSION

Psychiatric disorders are frequent among post-stroke patients and seem to be more related to the hemorrhagic type. Furthermore, the association which was described between cognitive alterations and psychiatric disorders can be analyzed considering the fact that cognitive alterations constitute a barrier for the autonomy of the patient and cause functional limitations for the individual disturbing they emotional state.

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CASE REPORT: LIMBIC ENCEPHALITIS AND ANTI-GAD 65

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CASE PRESENTATION

DISCUSSION

A.L.C.P. 37 years old male, recent memory change. In 2018, he presented temporal disorientation, auditory hallucination, suicidal ideation, agitation and evident decline of recent memory, being diagnosed with Schizophrenia. He evolved with paresis, altered consciousness with psychomotor retardation and ocular manifestations.The Brain Magnetic. Resonance imaging (MRI) revealed right mesial temporal sciences in FLAIR-weighted sequence. Serology for CMV, HIV, Herpes, Hepatitis, TB and fungi were negative. Cerebrospinal fluid (CSF) examination revealed 28 leukocytes, glucose 44mg/dl and proteins 50mg/dl. Magnetic Resonance Spectroscopy (MRS) showed increased choline peaks in high cellular turn-over with reduction of NAA peaks, suggestive of Limbic Encephalitis (LE). Serum anti-GAD dosage was 2000 IJ/ mL EEG was normal. The CSF antibody and blood panel showed the presence of GADES antibodies and negativity to LG11, CAS-RP2, AMPAR, GABA(B)R, DP9X, NMDAR, Hu, Yo, Ri, Tc V2, amphiphysin, Ma1/2, SOX1 and 21C4. Cancer screening was negative. Treatment with immunoglobulin (D.4g/kg for 5 days) was instituted, with improvement of his condition, maintaining recent memory loss and space-time disorientation (MMSE 17 and MOCA 16). Levetiracetam 500 mg/day with improvement of symptoms was introduced as a conduct.





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Encephalitis is an inflammatory process of the Central Nervous System, which mainly affects the limbic structures. Studies show association with neoplatic syndromes, preceding the disease in years, besides alteration of the content of the conscience, ataxia, seizures and behavioral change. However, recent studies have shown that, in cases of positivity in antibodies directed to the membrane surface test, there is no association with neoplasia, reflecting a good prognosis. The patient of this study presented conclusive diagnosis for limbic encephalitis, with GAD65 antibody positivity; therefore, there is no association with neoplastic syndromes. Additionally, he clinically presented seizures, behavioral alterations and impairment of consciousness, corroborating with findings from the literature.

The literature shows that refractoriness to anticonvulsants is a reality in most cases of encephalitis, but there is a positive response to immunoglobulin therapy. However, between all the encephalitis forms, anti-GAD is the one that responds more slowly to immunoglobulin therapy. In the patient of this study, Levetiracetam was instituted with a positive response to the treatment with control of seizure and a slight improvement of the picture after institution of immunoglobulin therapy. It is necessary to consider differential diagnosis with psychiatric alterations, aiming at the early detection and treatment of encephalitis. Our patient, in the initial care at another service, was mistakenly diagnosed with schizophrenia; therefore, an extension of the time for diagnosis and delay in correct treatment. In addition, at tropical countries, alphavirus infection is a potential different diagnosis, in view of studies that demonstrated the involvement of the anterior part of the hippocampus resulting from the infection.

FINAL COMMENTS

The outcome of our patient is compatible with Limbic Encephalitis. Other studies should be performed on this important disease.

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 Admit dynamic Markov, S. S. Sang, S. S. Sang, Sang,

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Lacunar stroke: higher risk of developing headache?

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INTRODUCTION

Headache is a frequent neurological sequel after stroke, but it is less studied when compared to motor and sensory deficits. The main objective of the study is to analyze the interrelation ship between lacunar stroke and the risk to develop post-stroke headache.

METHODS

It is a retrospective study that analyzed data from 109 patients with stroke in the period from January to March 2017. Patients with headache were divided into two groups, the first composed of those with headache and lacunar type stroke, and the second, with headache and other types of stroke. A Chi-squared and Fisher tests were used for the associations, adopting a 95% confidence interval through the SPSS program version 23.0.

Table 1: Characteristics	patients after AVC
Variable	n = 109 (100%)
Headache x AVC	43 (39,45%)
Mean age (years)	58
Male	17 (39,45%)
emale	26 (60,46%)

VARIABLE	n = 109 (100%)
AVC ischemic	77 (70,64%)
AVC i x headache	32 (41,55%)



DISCUSSION

In our study it was found a higher frequency of the Lacunar subtype. In agreement with this finding, a study by Arboix et al. found a higher frequency of headache in the lacunar infarcts located in the cerebral gray matter or in the brainstem compared to the lacunar infarcts located in the supratentorial white matter. The authors suggested that the higher frequency of headache in deep gray matter infarcts may be related to a higher concentration of glutamate in gray matter than in supratentorial white matter and that the excitotoxic action of glutamate may contribute to this difference

CONCLUSION
Post-stroke headache is a common
neurological sequel and seems to be
associated with previous systemic arterial
hypertension. Given the lack of articles on this
matter, it is necessary to expand the profiling of
these patients, in order to allow a better
intervention regarding the prognosis,
rehabilitation, treatment and implement of
secondary preventive measures, aiming to
reduce the occurrence of post-stroke
headache.

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CLINICAL AND EPIDEMIOLOGICAL PROFILE OF CHILDREN AND ADOLESCENTS WITH EPILEPSY FOLLOWED UP AT A SPECIALIZED OUTPATIENT CLINIC.

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Epilepsy is one of the most frequent neurological disorders in childhood, with a prevalence of four to six cases per 1000 children. About 50% of the cases occur in children under 5 years of age and the incidence up to 16 years is approximately 40 per 100,000 children per year. Elipetics esizures in pediatric population result from neurological conditions that lead to neurobiological, cognitive and psychosocial outcomes. Because epilepsy has different presentations, it is essential to know the clinical and epidemiological characteristics of the disorder for better therapeutics and prognosis.

INTRODUCTION

METHODS

It is a descriptive, retrospective cross-sectional study of children and adolescents with epilepsy treated from January 2017 to June 2018. Data were collected through free and clarified consenti ent, organized using a standardized online form and analyzed by SPSS version 21.0 RESULTS

RESULTS Our initial sample consisted of 81 patients from which 14 individuals were excluded due to lack of data, resulting in a final sample of 67 individuals. The majority observed were men (68.7%), mean age of 12.6 years (5D 3.89) at the time of research. The mean age at the first occurrence of seyzures was 4.2 years (5D 4.12). The majority of patients had a stable clinical condition (74.6%) and dio not present seizures in the month prior to the latest medical appointment. According to ILAE classification, we observed that the majority of seizures had a generalized onset (62.7%), composed mostly by 36 patients with generalized tonic-clonic seizures, while focal onset seizures (32.4%) had a majority of tonic seizures, seen in 5 patients. Concerning therapy, monotherapy is the most common, seen in 75.6% of cases, and the epileptic drugs most frequently used in general were Carbamazepine (58.2%) followed by Valproic Acid (50.7%). Chart 1. Ejetemological and clinical profile (n, number of patients from wich data was

Chart 1. Epidemiological and clinical profile (n, number of patients from wich data was

Variable	n = 67 (100%)
Mean age (years)	12,6
Male	68,70%
Female	31,30%
Mean age at fist episode	4,2
Generalized	62,7%
Focal	34,2%

phic 1. Most used Anti-epileptic dr



Discussion Epilepsy is one of the major neurological problems in children. Our study showed, in consonance with literature, a higher prevalence in the male gender3.4. The beginning of de epileptic seytures has a higher prevalence in children over 4 year old, what is similar to what was found by Maia. C et 4 although it disagrees with other studies that found a higher prevalence in the first years of life 1.2.5. That disagreement can be explained considering the heterogenity of the population compared, from different ethnical, social and nosological questions and also the time spent until the diagnosis is made noce some of the nations from our study are from country. social and nosological questions and also the time spent until the diagnosis is made, once some of the patients from our study are from country places, distant from referenced centers and cannot receive appropriate neurological care, resulting in a delay on diagnosis and specified reatment. In spite of that. The major type of seyzures on children were already demonstrated on literature 2.4, being the generalized Tonic Clonic seyzure (TGG), althoug there have been some controversy in the study of Unver 5, demonstrating a higher prevalence of focal seyzures. As the Tonic Clonic seyzure may have a more identifiable pattern, this may be the reason why it has been seen the most. Considering treatment, monotherapy as the most seen type of freatment, as also as carbamazepine as the most prescribed drug, remain concording with the literature5.





CONCLUSION

CONCLUSION Our population sample has demonstrated a majority of male patients, with mean age of first epileptic episode at 4,2 years, mostly with generalized pattern. The most part presented a controled state of epilepsy with at least one month until last seyzure occurrence, and most of the therapy strategy used was monotherapy, while the most used anti-epileptic drug was carbamazepine

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CLINICAL-EPIDEMIOLOGICAL PROFILE AND SURVIVAL OF PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS FOLLOWED AT A REFERENCE CENTER

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RESUL	.TS
Table 1: Demographic data of the analyzed	patients.
VARIABLE	n = 66 (100%)
Male sex	49 (74,2%)
Female sex	17 (25,8%)
Average age (in years)	50,5
White	40 (60,6%)
Brown	21 (31,8%)
Black Table 2: Symptons and clinical data of the	5 (7,6%)
	and the second descent the second
VARIABLE	n = 66 (100%)
Beginning with distal symptons	48 (72,7%)
Beginning with proximal symptons	29 (43,9%)
Muscle weakness, myofasciculations a muscle atrophy	nd 65 (98,5%)
Upper motor neuron syndrome	59 (89,4%)
Upper limbs hyperreflexia	42 (63,6%)
Lower limbs hyperreflexia	47 (71,2%)
Lower motor neuron syndrome	60 (90,9%)
Bulbar syndrome	47 (71,2%)
Difficulty in whistling and sucking	30 (45,5%),
Dysphagia	38 (57,6%)
Dysarthria	49 (74,2%)
Hoffman sign	21 (31,8%)
Babinski sign	47 (71,2%)
Table 3: Survival data of the analyzed pati	ents.
VARIABLE	n = 66 (100%)
Mean survival time after diagnosis	5,26 years (median of 48 months)

Survival (up to 35 months) 25% Survival (up to 96 months) DISCUSSION

ound in our study was consisten with the average reported in

 BACKGROUND
 Statistication

 Amyotrophic Lateral Sclerosis (ALS) is a disease characterized by propersistication, hyperreflexia or hyperreflexia and biopolosopharyngeal paralysis that causes disability and death?
 statistication

 OBJECTIVE
 To describe the clinical-epidemiological profile and to know survival data of profession with ALS followed at a reference outpatient state describe the clinical-epidemiological profile and to know survival data of profession with ALS followed at a reference outpatient clinic. Were included in the study intra-scholar group of patients, the frequencies of weakness, dysarthria and dysphagia presented much higher percentages compared to findings in the literature?. Doe to the profession of patients started present almost all the signs of the disease. For this reason, most patients atteriated present almost all the study is symptoms of LAS, were evaluated it a later stage of the disease. For this reason, most patients atteriated present almost all the signs of the disease. For this reason, most patients startedy present almost all the signs of the disease. For this reason, most patients startedy present almost all the signs of the disease. For this reason, most patients startedy present almost all the signs of the disease. For this reason, most patients startedy and distribution were more frequent with disease progression in addition or results demonstrate that dystributing dependences mainly. We can coreculate the disease that may lead to degeneration of opper and lower more mere one symptomes were allower more mere more frequent in a study that had 21% of parients with a doubtful diagnosis. Kaplan Meier survival analysis was performed to obtain in were more frequent that dower more mere more negative the disease that more merel arrival curve.

 INELINE
 n 66 (100%)
 Nale sex<

CONCLUSION

CONCLUSION The mean age of participants of our study was similar to literature findings. The majority of patients will have decremed mascle strength, myolissicications, mascle atrophy and motor deficit as the disease progresse. Furthermere, it was observed that dysambria, dysphapia and difficulty in whistling and sucking are less frequent characteristics or appear in a more advanced stage of the disease. Keing found in 45,5% to 74,2% of the patients characteristics are avoid and successful the patient of the patients columbiated. Regarding any arrival, it was confirmed the need for investment in epidemiological research to identify and confirm risk factors for searching of followings to achieve better survival with quality of life of ALS patients, thus improving progressis.

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CLINICAL, ETIOLOGICAL AND TOPOGRAPHIC CHARACTERIZATION OF POST-STROKE PATIENTS IN A REFERRAL OUTPATIENT CLINIC.

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INTRODUCTION

Stroke can be defined as a sudden focal neurological deficit and is the leading cause of death in Brazil and one of the leading causes of disability worldwide. The objective of this study is to characterize patients diagnosed with stroke followed in a specialized outpatient clinic in the city of Salvador, Bahia



In this cross-sectional descriptive study, we analyzed the profiles of post-stroke patients with regard to gender, age and clinical status of the patient, as well as stroke classification and subtypes, etiology and affected vascular territory. We analyzed the medical records of 109 patients aged between 15 and 91 years old, attended in the period of January to June of 2017.

METHODS

Table 1: Epidemiological Characteristics and Population Sampling	
VARIABLE	n = 109 (100%)
Average age (in years)	52
Women	61%
нір	66,7%
Hypertensive etiology	48,1%
Undetermined subtype	41,6%
Cardioembolic	16,9 %
ACMD	26%
Motor frame	66,1%
Sensitive frame	40,4 %
Cognitive deficit	28,4%

It was found a mean age of 52 years and a higher frequency on female sex, which matches with results of a study that evaluated the profile of the brazilian population in 2014. Regarding the type, etiological diagnosis and impaired vascular territory, this study showed a higher occurrence for ischemic stroke of indeterminate etiology and carotid artery vascular territory, respectively, compatible with literature findings. As for the laterality of the clinical manifestations, the left side was the most affected, mainly with motor impairment. In addition, sensibility alterations were found as the second most common sequelae, unlike the studies that report being language disorders

CONCLUSION

Regarding the stroke type, etiology and affected vascular territory, this study showed higher occurrence of brain ischemia, stroke of unknown source and carotid arterial territory, respectively, which is consistent with literature data. We conclude that studying the profile of post-stroke patients, acknowledging the local socioeconomic status, is extremely important to define therapeutic strategies and to avoid new onset of events.

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