

TABLE OF CONTENTS

| | |
|---|------|
| Cover..... | i |
| Approval page..... | ii |
| Authenticity statement..... | iii |
| Foreword..... | iv |
| Table of contents..... | v |
| Index table..... | vii |
| Index figure..... | viii |
| Index attachment..... | ix |
| Intisari..... | x |
| Abstract..... | xi |
| Chapter I. Introduction..... | 1 |
| 1.1. Background..... | 1 |
| 1.2. Problem formulation..... | 2 |
| 1.3. Research objectives..... | 3 |
| 1.3.1. General objectives..... | 3 |
| 1.3.2. Specific objectives..... | 3 |
| 1.4. Research authenticity..... | 3 |
| 1.5. Research benefits..... | 5 |
| Chapter II. Literature Review..... | 6 |
| 2.1. Definition..... | 6 |
| 2.2. Epidemiology..... | 7 |
| 2.3. Etiology..... | 8 |
| 2.4. Pathogenesis..... | 9 |
| 2.5. Classification..... | 12 |
| 2.6. Diagnosis..... | 16 |
| 2.7. Management of epilepsy..... | 17 |
| 2.8. Factors that influence relapse in epilepsy..... | 19 |
| 2.9. Etiologic factors of epilepsy as a risk factor of relapse..... | 22 |
| 2.10. Theoretical frame..... | 23 |
| 2.11. Conceptual frame..... | 24 |



| | |
|---|----|
| Chapter III. Research Methodology..... | 25 |
| 3.1. Research design..... | 25 |
| 3.2. Time and settings | 25 |
| 3.3. Population and subjects..... | 25 |
| 3.3.1. Population..... | 25 |
| 3.3.2. Subjects..... | 25 |
| 3.4. Calculation of samples | 26 |
| 3.5. Operational definition | 27 |
| 3.6. Analysis of results | 29 |
| Chapter IV. Result and Discussion | 30 |
| 4.1. Research subject characteristics | 30 |
| 4.2. Correlation of etiologic factor of epilepsy and relapse in epilepsy..... | 36 |
| 4.3. Research limitations and advantages | 37 |
| 4.3.1. Research limitations | 37 |
| 4.3.2. Research advantages..... | 38 |
| 4.4. Etiological factor subject characteristics..... | 38 |
| 4.5. Etiological factor as risk factor of relapse epilepsy | 39 |
| 4.6. Clinical application | 40 |
| Chapter V. Conclusion and Recommendation..... | 41 |
| 5.1. Conclusion..... | 41 |
| 5.2. Recommendation..... | 41 |
| References..... | 42 |
| Attachments | 45 |



INDEX TABLE

| | |
|--|----|
| Table 1.4.1. Similar research | 4 |
| Table 2.5.1. Epileptic Seizure Classification (ILAE, 1981) | 13 |
| Table 2.5.2. International classification of epilepsies and epileptic syndromes (ILAE, 1989) | 14 |
| Table 4.1.1. Research subject characteristics..... | 32 |
| Table 4.2.1. Fisher's exact test of etiology and relapse or complete remission of epilepsy.... | 36 |



INDEX FIGURE

| | |
|--|----|
| Figure 2.5.1. Classification of seizures and epilepsies (ILAE, 2017)..... | 15 |
| Figure 2.5.2. Classification of seizure types expanded version (ILAE, 2017)..... | 16 |
| Figure 4.1.1. Flowchart..... | 30 |



UNIVERSITAS
GADJAH MADA

Etiological Factor of Epilepsy as a Risk Factor of the Relapse in Children with Epilepsy in Dr Sardjito General Hospital 2012-2016

AFIFAH AL AZIZAH, dr. Agung Triono, Sp.A dan dr. Rr. Ratni Indrawanti, Sp.A

Universitas Gadjah Mada, 2017 | Diunduh dari <http://etd.repository.ugm.ac.id/>

INDEX ATTACHMENTS

| | |
|---|----|
| Attachment 1. Research explanation..... | 45 |
| Attachment 2. Informed consent..... | 47 |
| Attachment 3. Research Questionnaire..... | 48 |
| Attachment 4. Ethical Clearance..... | 53 |