

## Quality of the Visum et Repertum of Injuries Living Victims as a Basis for Policy Making at H. Adam Malik Hospital, Medan

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### Abstract

**Introduction:** Visum et repertum (VeR) as a useful evidence for judges in making court decisions, Based on Indonesian medical council/KKI Regulation number 11 of 2012 concerning SKDI states doctors do not make VeR according to scientific standards that should be done. problems in the VeR service. This research aims to analyze the quality of VeR at H. Adam Malik Hospital and provide input in making policies in overcoming the above problems.

**Methods:** The design of this study was a retrospective descriptive study of the VeR of injuries from January 1, 2018 to December 31, 2018. The study was conducted from May to June 2019. Data was collected in the Medical Records section of H. Adam Malik Hospital Medan. The sample is all VeR data from life injuries from January 1, 2018 to December 31, 2018. The sample used is the total population sampling. Data analysis of the variables of the VeR elements was carried out using the Herkutanto scoring method against the 13 elements of post mortem, given a score of 0, 1 and 2 with the highest score of 2, while descriptive analysis was carried out on the quality of post mortem et repertum.

**Results:** The total sample of the study was 15 cases (15 VeR), the quality of the VeR preliminary injury was 70%. The quality of the VeR injury in the news section was 66.50%. The quality of the VeR wound in the conclusion section was 60.0%. The general quality of the VeR of injuries was 63.04%.

**Conclusion:** The quality of the VeR of injured victims of life at RSUPH Adam Malik Medan for the period January 1, 2018 to December 31, 2018, the quality of the wound VeR was 63.04% which means that the quality is moderate

**Key words:** Injury, Visum et Repertum.

### 1. PRELIMINARY

A doctor in his role and daily duties in addition to treating the patient's illness also helps investigators related to the injuries suffered by the patient as a result of the crime he experienced. Making a Visum et repertum as a form of report on the results of the examination of victims of criminal acts, is one of the services provided by general practitioners and forensic medicine/forensic experts who can assist law enforcement in upholding justice.

Visum et repertum (VeR) is a written statement from a doctor at the written request of an authorized investigator, containing the results of a medical examination of the human body, whether living or dead or parts or suspected parts of the human body based on knowledge based on an oath of office for the benefit of the judiciary.

The VeR in question is one of the evidence in the judiciary, if it is not properly made or lacks quality, the role of the post-mortem in the process of proving a criminal case against the health and human

soul is not achieved, which continues often, judges in criminal cases find it difficult to make decisions at the trial.

According to Herkutanto, in his 1999-2000 study of 977 VeRs of living victims in 38 hospitals in Jakarta, it appears that most of the VeRs in various hospitals are of low quality (Herkutanto, 2005). Another study by Fadlan Tri Ramadhan, Dedi Afandi, Laode Burhanuddin Mursali who examined the quality of the post-mortem at RSUD DR.RM.PRATOMO Bagan Prepared-api for the period 2009-2013 showed that the quality of the post-mortem et repertum was poor.

in the Indonesian Medical Council Regulation number 11 of 2012 concerning Indonesian Doctor Competency Standards (SKDI) page 29 point 28 which states that doctors refuse and/or do not make a visum et repertum in accordance with scientific standards that should be mandatory (Standard 4-A). This regulation is a feedback on general description of health service problems in the field, especially in services to assist patients in law enforcement efforts related to the crimes they experienced. In addition, in the initial survey at the Medical Record unit of the RSUP.H.Adam Malik, several obstacles were found in the VER service, namely the difficulty of finding DPJP doctors who signed the VER, the Visa issued containing Medical Record data, difficulties for employees dealing with investigators (police), employees who lack of knowledge of laws related to VeR, visa requests that arrive late.

Several researchers have previously examined the quality of VeR in several district/city government hospitals, but there has been no study or research at H Adam Malik Hospital Medan. RSUP H Adam Malik Medan is a Government Hospital (DepKes RI) as well as a teaching hospital FK-USU has forensic experts, both from FK-USU and from Adam Malik Hospital itself, but what makes the VeR

Injury to live victims is not a forensic expert.

The purpose of this study was to determine the quality of VeR at RSUP H Adam Malik Medan as well as the basis for policies in making VeR in the future.

## 2. RESEARCH METHODS

This study is an observational study with a retrospective descriptive approach to VeR data on live injuries at H.Adam Malik Hospital Medan for the period January 1 to December 31 2018. This research was conducted from May to June 2019. The population in this study was VeR injuries to live victims that have been made by doctors in the ER H.Adam Malik Hospital Medan for the period January 1 to December 31 2018. The sample used in this study was total population sampling.

research results are presented in the form of a table. Data analysis of the variables of the Visum elements was carried out using the Herkutanto scoring method for the 13 elements of the Visa. The elements assessed were given a score of 0, 1, and 2 with the highest score of 2, while descriptive analysis was carried out on the quality of VeR.

Assessment of the 13 variables as follows: 5 (five) variables in the introduction, namely: place of examination, time of examination, data on the subject being examined, data on the investigator requesting the examination, and data on the doctor conducting the examination.

6 (six) variables in the reporting section, namely: anamnesis, vital signs, location on the body, wound characteristics, wound size, and treatment/care provided.

2 (two) variables in the conclusion section, namely: type of wound, and wound qualification.

This research has been approved by the ethics commission on the implementation of health research no. 719/TGL/KEPK FK USU-RSUP HAM/2019.

### 3. RESULTS

Based on research conducted at the Medical Record installation of the RSUP.H.Adam Malik Medan from May to June 2019. The number of forensic medical services in cases of injuries with live victims as evidenced by VeR documents for the period January 1 to

December 31 2018 there are 15 cases (15 VeR) .

#### VER quality requires introduction

The quality of the VER requirements for the preliminary section at the Adam Malik General Hospital in Medan for the period January 1 to December 31, 2018 is presented in table 1.

Table 1. Quality of VER for preliminary injuries at Adam Malik General Hospital Medan for the period January 1 to December 31, 2018

VER structure	Graded elements	Average Score
Introduction part	Checkpoint	1.0
	Inspection time	1.0
	Victim data	2.0
	Investigator data	1.0
	Examiner doctor data	2.0
<b>Total</b>		1.4

Preliminary part quality score =  $(1.40 \times ) \times 100 \% = 70 \%$

Based on the results of the analysis of research data conducted on the VeR of injuries to living victims at the Adam Malik General Hospital, Medan for the period January 1 to December 31, 2018, the quality of the VeR of the preliminary injuries was found to be 70%, which means that the quality is moderate. The visum which is analyzed in the preliminary part of the doctor, which makes him not

write down the data on the place of examination, the time of examination and the data of the investigator in full. The victim data and the examining doctor's data have been written in full.

#### Quality of VeR needs news section

The quality of the VeR for the need for reporting at the Adam Malik General Hospital in Medan for the period January 1 to December 31, 2018 is presented in table 2.

Table 2 Quality of VeR for the need for reporting at the Adam Malik General Hospital, Medan for the period January 1 to December 31, 2018

VER structure	Graded elements	Average Score
News section	History	0.0
	Vital sign	2.0
	Wound location	2.0
	Wound Characteristics	1.13
	wound size	1.40
	Treatment & care	1.47
<b>Total</b>		1.33

The value of the quality of the news section =  $(1.33 \times 5/10) \times 100 \% = 66.50 \%$   
Based on the results of the analysis of research data conducted on VeR injuries to live victims at the Adam Malik Hospital in Medan for the period January 1 to

December 31, 2018, the quality of VeR injuries in the news section was 66.50% which means that the quality is Medium. The post-mortem which was analyzed by the news section did not include anamnesis

data. While the characteristics and size of the wound as well as incomplete treatment.

### Quality of VeR needs Conclusion section

The quality of the VeR in need of the Conclusion section at Adam Malik General Hospital Medan for the period 1 January to 31 December 2018 is presented in table 3.

Table 3 Quality of VeR in need of Conclusion section at Adam Malik General Hospital Medan for the period January 1 to December 31, 2018

VER structure	Graded elements	Average Score
Conclusion Section	Types of injuries and violence	1.0
	Wound qualification	1,4
<b>Total</b>		1.20

Quality value of Conclusion section =  $(1.20 \times 8/16) \times 100\% = 60.0\%$

Based on the results of data analysis of research conducted on VER injuries of living victims at the Adam Malik General Hospital in Medan for the period January 1 to December 31, 2018, the quality of the VER injuries in the Conclusion section was 60.0% which means that the quality is moderate. The post-mortem which was

analyzed in the conclusion section, the data on the type of wound and the violence and qualifications of the wound was incomplete.

### VeR quality is necessary

The quality of the VeR injuries at the Adam Malik General Hospital in Medan for the period January 1 to December 31, 2018 is presented in table 4.

Table 4 Quality of VeR Injuries at Adam Malik General Hospital Medan for the period January 1 to December 31, 2018

VER structure	Average Score	Weight	Average Score
Introduction part	1.40	1	1.40
News section	1.33	5	6.65
Conclusion part	1.20	8	9.60
<b>Total</b>	17.65/17.65		

The value of the quality of the post-mortem for injuries =  $(17.65/28) \times 100\% = 63.04\%$

Based on the results of the analysis of research data conducted on the VeR of injuries to live victims at the Adam Malik General Hospital, Medan for the period January 1 to December 31, 2018, the quality of the VER injuries was 63.04 %, which means that the quality of the post-mortem for injuries was: Medium. Both the introduction, the report and the conclusion have not provided complete data that should be in the visum et repertum.

## 4. DISCUSSION

From the results of this study, the writing of the VeR for injuries at the Adam Malik Hospital Medan for the period January 1 to December 31 2018 is of moderate quality, it can be seen from the 13 elements assessed which include 3 parts, namely the introduction, news and conclusions of the doctors who made the report. include complete data that should exist to make a good quality visa, based on the observations of researchers the low quality of this visa, maybe because the VeR is made based on the format provided by the

hospital, which is not known who made it and has never been evaluated for its contents. with the lack of knowledge of doctors who make VeR of the elements assessed in the manufacture of VeR that meet the standards of good VeR manufacture. This result is relatively the same as what is stated in the Indonesian Medical Council regulation no. 11 of 2012 concerning Indonesian Doctor Competency Standards (SKDI) on page 29 point 28 which states that doctors have not been able to make a visum et repertum in accordance with scientific standards that should be mandatory (standard 4-A). The results of this study are also not different from the results of previous studies on the quality of VeR that have been carried out at several other hospitals. The quality of the medium or not good VeR will certainly show that the function and role of the post-mortem should be as evidence and play a role in the weakening of the evidentiary process which will have an impact on court decisions that are expected to be as fair as possible will not be achieved. The quality of the VeR that has not been good is strongly influenced by the maker so that when the visa issued is not good, it means that the quality of the human resources is not good, the human resources that are not good are certainly an assessment of the quality of the agency/institution, the results of this study certainly contribute to the leadership of the health unit. RSUPH.Adam Malik to be a consideration / basis for policy making at RSUPH.Adam Malik Medan specialized in forensic examination services and making future visas.

## 5. CONCLUSION

Based on the results of research obtained from VeR data for injuries at Adam Malik Hospital Medan for the period January 1 to December 31 2018, it can be concluded:

a. the number of cases of injuries with live victims examined by doctors as evidenced by a post-mortem et repertum of injuries at

the Adam Malik General Hospital Medan for the period January 1, 2018 to December 31, 2018 were 15 cases.

b. The quality of the Visum et Repertum for injuries to live victims at the Adam Malik General Hospital in Medan for the period January 1 to December 31 2018 obtained the quality of the VeR for the preliminary injuries of 70%, which means the quality is moderate because they did not write down the complete data on the place of examination, the time of examination and the investigator's data. .

c. The quality of VeR for injuries of living victims at RSUPH.Adam Malik Medan for the period January 1 to December 31, 2018 obtained the quality of VeR for injuries in the reporting section of 66.50%, which means that the quality is moderate because it is not written down with complete anamnesis data, wound characteristics, wound size and treatment .

d. The quality of the VeR for injuries of living victims at the Adam Malik General Hospital in Medan for the period January 1 to December 31 2018 obtained the quality of the VeR for injuries in the Conclusion section of 60.0% which means that the quality is moderate because data on the type of injury and violence and wound qualifications are not written in full. living at the Adam Malik General Hospital in Medan for the period January 1 to December 31, 2018, the quality of the VeR injuries was 63.04 %, which means that the quality is Medium.

## SUGGESTION

1. Quality of VeR for victims' injuries Based on the results of the above study, the authors suggest several things as a contribution to hospital leadership so that in the future the quality of VeR issued is good, namely:
2. Hospital leadership must be aware that VeR is a document of legal evidence in lieu of evidence, which must provide information explaining an event (process of proving a case

3. criminal law) who assist investigators and court judges in making court decisions. Such a role of VeR is only found in VeR with good quality.
4. For forensic medical services and the manufacture of VeR in the future, it will be carried out by forensic specialists

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