

## Connection Level Knowledge About Effect Side Treatment Chemotherapy With Support Family On Patient Cancer Colon

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### ABSTRACT

**Background:** Family knowledge of chemotherapy side effects has a relationship with family support in cancer patients. When the family has a good level of knowledge about the side effects of cancer treatment by chemotherapy, the family will increasingly provide support to family members who are cancer patients so that they can regularly, proportionately, and according to recommendations following chemotherapy treatment to achieve the healing process .

**Objective:** This study aims to determine the relationship between the level of knowledge about the side effects of chemotherapy treatment with support in colon cancer patients .

**Methods:** This research is a quantitative research research with a correlative type of analytics. Samples of family members of patients in the Semeru Room of Dr. Saiful Anwar Hospital Malang totaled 93 people. The research instrument used was a questionnaire .

**Results:** The results showed that most respondents had good knowledge (49.5%). Most respondents were very supportive (66.7%) .

**Conclusion:** The Spearman Correlation statistical test produces a correlation value of (0.249) where the correlation value shows a weak but positive relationship and a significance value of (0.016) where the significance value is < 0.05. The results of statistical tests showed a weak but positive and significant relationship between the level of knowledge about the side effects of chemotherapy treatment and support in colon cancer patients in the Semeru room of Dr. Saiful Anwar Hospital Malang. It is expected that the patient's family needs to listen carefully to this explanation in order to understand and provide appropriate support.

## INTRODUCTION

Cancer is one of a very scary disease for man Because disease this was very dangerous and still is become problem serious throughout the world , both in developed countries , let alone in countries that are still developing develop . Based on information released (World Health Organization (2016) , known that amount sufferer Cancer in the world in 2015 was 14.1 million people . Four percent is sufferer cancer aged young , or children . It is also stated that disease cancer initially occupy position as reason death with amount death reached 7.4 million people or 13 percent of total deaths . Based on Health Service report , it is known suffering population cancer amount about 6 percent from all over resident . The prevalence is also known disease Cancer in Indonesia is 1.4 per 1,000 population . From research the it is also known that disease cancer occupy order seventh as reason death consequence infections in Indonesia after stroke, tuberculosis, hypertension , damage , perinatal and diabetes mellitus (Adila & Mustika, 2023) .

One of type treatment common therapeutic used For cancer is chemotherapy . Chemotherapy play role important in oppose cell cancer . However its implementation depending



on type and level spread cancer . Every Individuals have too different responses and reactions to chemotherapy (Lestari *et al.* , 2020) .

Information around adequacy chemotherapy as well as impact beside him is necessary information owned by the parties involved , no only party quiet , but also family . In matter this , family must own information point by point about almost all characteristic features treatment chemotherapy . No Enough only just know the final target chemotherapy , but also knowing impact side of treatment strategy This . Own information point by point about chemotherapy , take into account impact the side effects it causes , make family own more knowledge ripe so that impact on uptake the right decision on necessary activities done for the patient who becomes part from family . ( Riadi , 2021)

Information family about effect side chemotherapy allegedly have connection with support family of the patient cancer . This matter can based on understanding that when family enter Lots information about impact side treatment cancer with chemotherapy , then family will the more give contribution to member family which is patient cancer so that they can in a way routine , relative , and agreeable . For proposal take after treatment chemotherapy For reach handle healing (Titik Rusmiati & Lisda Maria, 2023) .

Sometimes found that family No give sufficient support to patient cancer especially Because family No know about characteristics of treatment strategies chemotherapy , one of them is type and level effect side chemotherapy . In fact , if you touch on medical advice , it will is known that when chemotherapy done with right , then will give good result in recovery patient . However Because family No own Good information , then family No give great benefits to patient cancer . So that often found patients undergoing chemotherapy not enough or disturbed (Titik Rusmiati & Lisda Maria, 2023) .

Study This carried out on family members his family is patient undergoing colon cancer treatment chemotherapy in the ward Semeru Regional Hospital Dr. Saiful Anwar Malang. Exactly , reasons analyst choose object study This Because was in space Semeru Regional Hospital Dr. Saiful Anwar Malang also takes care of it patient moderate colon cancer undergo treatment chemotherapy .

Cancer colorectal or colon cancer is cancer third Most common in men and second most common in the world occurs in women , recorded in 10% of all over type tumors worldwide and more from 1 million case every the year . Incident colon cancer Keep going increase along with growth resident well in developed countries nor proceed . Colon cancer causing 0.7 million death in 2012 and is one of cancer with number death highest in the world. Colon cancer appear through interaction complex between factor heredity and components experience . Colon cancer happen consequence damage hereditary at the controlling locus cell development . Change from colon cells normal become network adenomatous and finally colon carcinoma caused by accelerating transformations cell development . (Dewi, 2017)

Based on pre- research obtained , information amount patient undergoing cancer chemotherapy in the room This show that there is about 250 patients underwent chemotherapy every the month and from amount Of these , around 80 people are patient colon cancer . So that reason selection of the area aligned with question about the subject . In the center healing this , based on pre-research carried out with do interview short and straightforward with a number of family from a number of patient , analyst find that about 15 members family of 10 patients colon cancer No own information complete around characteristics treatment chemotherapy count impact effect side of treatment strategy This .

Besides that , it was also found that No all patient colon cancer get good support from his family . So through study here , researchers interested For do study more in with a number of purpose , that is For fishing thinking and showing is part big family patient own adequate information or



part big No know it . Then , push thinking about support family for patient cancer . Regardless from matter That's the most important thing is know connection between level information family with impact side chemotherapy and support family of the patient undergoing colon cancer chemotherapy in the ward Semeru Regional Hospital Dr. Saiful Anwar Malang. Therefore that , research This given title “ Information Level Relationships Impact Side Treatment Chemotherapy with Families of Returning Sufferers Colon Cancer in the Semeru Room at RSUD Dr. Saiful Anwar Malang” the purpose of this study was to determine the connection level knowledge about the effect of side treatment chemotherapy with support family on colon cancer patients.

## RESEARCH METHODS

Method study Which used on study This that is survey analytic with cross sectional approach . (Eni, 2016) In study This , researcher do study with objective know connection between level knowledge about effect side treatment chemotherapy with support family on patient cancer colon in room Semeru Hospital Dr. Saiful Anwar Poor.

Population instudy This is all over member family patient cancer colon who do treatment chemotherapy in the room Semeru Regional Hospital Dr. Saiful Anwar Malang in the month July 2023. Known that amount patient cancer the colon does it chemotherapy in months the is as much 122 person patient . Whereas amount member family from 122patient people cancer colon the estimated as many as 122 people ( estimate One person patient own One member family ). Size samplein study This is 93 members family patient cancer Colon Which do chemotherapy in Room Semeru RSSA Poor. Variable free in research This is level knowledge , meanwhile the dependent variable is support family Instrument in study This form questionnaire For collecting data about level knowledge and support family This study uses the Spearman Rank analysis test .

## RESEARCH RESULT

### Characteristics Respondent

Characteristics respondents displayed in this area is characteristics respondents who are individual family patient undergoing colon cancer chemotherapy in the Semeru Room RSSA. Characteristics respondents study covers information about type gender , age and duration member the family ( patient ) accepts chemotherapy . Taking picture the can become description characteristics respondents in consideration This .

**Table 1 . Description Respondent Based on Type Sex**

Type Sex	Amount	%
Man	47	50.5
Woman	46	49.5
Total	93	100.0

Based on table 1 can concluded that of 93 respondents , respondents the most in consideration This is individual family from sufferer colon cancer man that is as many as 47 individuals (50.5%).

**Table 2 . Description Respondent Based on Age**

Age	Amount	%
20-29 Years	21	22.6
30-39 Years	33	35.5
40-49 Years	16	17.2
> 49 Years	23	24.7
Total	93	100.0

Based on table 2 is known that of 93 respondents can concluded that almost half is individual family aged patients between 30-39 years (35.5%).

**Table 3 . Description Respondent Based on Member Length The family ( patient ) does Chemotherapy**

Member Length The family ( patient ) does Chemotherapy	Amount	%
< 2 Months	25	26.9
2-4 Months	43	46.2
> 4 Months	25	26.9
Total	93	100

Based on table 3 is known that of 93 respondents can concluded that almost half is respondents who have member family members ( sufferers ) who have had colon cancer undergo chemotherapy for 2-4 months (46.2%).

**Table 4 . Knowledge level Family about Effect Side Treatment Chemotherapy**

Knowledge level	Amount	%
Not good	15	16.1
Enough Good	32	34.4
Good	46	49.5
Total	93	100.0

Based on table 4 is known that of 93 respondents can concluded that almost half is individual family sufferer colon cancer that has information Good about impact side treatment chemotherapy (49.5%).

**Table 5. Level of Support Family**

Support Family	Level	Amount	%
Support		31	33.3
Very Supportive		62	66.7
Total		93	100.0

Based on table 5 is known that of 93 respondents can concluded that part big is individual Very stable family from individual his family which is patient undergoing colon cancer chemotherapy (66.7%).

**Table 6. Cross Tabulation of Knowledge Level with Family Support**

		Support Family	
		Support	Very Supportive
Knowledge level Family	Not good	3	12
	Enough	7	25
	Good		
	Good	21	25



Total	31	31
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Based on table 6, known that almost half , 46 people to be exact , have good information around chemotherapy . A number small , 25 people to be exact , is member a very strong family which is patient undergoing colon cancer chemotherapy .

From p the can concluded that the more Good knowledge family about impact side treatment chemotherapy , increasingly big possibility individual in family the will be very strong to individual family which is patient undergoing colon cancer chemotherapy .

Furthermore For test exists connection between level information family about impact side treatment chemotherapy with family back , done testing factual with using the Spearman relationship test .

**Table 7 . Test result Hypothesis**

Correlations			Knowledge level	Support Family
Spearman's rho	Knowledge level	Correlation Coefficient	1,000	,249 *
		Sig. (2-tailed)	.	.016
		N	93	93
	Support Family	Correlation Coefficient	,249 *	1,000
		Sig. (2-tailed)	.016	.
		N	93	93

\*. Correlation is significant at the 0.05 level (2-tailed).

Based on table 7 can concluded that level information family to impact side treatment chemotherapy have weak relationship However positive and critical with family back to the patient colon cancer in the ward Semeru Regional Hospital Dr. Saiful Anwar Malang. Usually showed from results testing emerging theory mark connection of 0.249, where mark connection the show weak relationship However positive , and value important of 0.016.

**Weak relationship** means that enhancement level knowledge family about effect side treatment chemotherapy only will increase support family in small amount . However , relationships the **positive** , which means that enhancement level knowledge family will increase support family , and vice versa . Whereas **significance** means that connection between second variable the No happen in a way as it happens . The significance value obtained in study This , which is 0.016, is more small from 0.05. This matter show that connection between level knowledge family and support family of the patient colon cancer in space Semeru RSUD Dr. Saiful Anwar Malang has opportunity more small from 5% for happen in a way as it happens .

Research result the showing that **family who owns level more knowledge tall about effect side treatment chemotherapy will more capable give more support Good to patient colon cancer** . Knowledge family about effect side treatment chemotherapy can help family For understand condition patients , as well ways For help patient overcome effect side the . This matter can increase trust family to ability patient For recover , as well increase motivation family For support patient undergo treatment .

## DISCUSSION

### Knowledge Family about Effect Side Treatment Chemotherapy



In study this, found that member family patient colon cancer own good information about impact side treatment chemotherapy. Usually showed with emerging discoveries that of 93 respondents, almost half of them, 46 to be exact, are respondents who have good information (49.5%). This matter show that member family patient colon cancer own level high awareness to impact side treatment chemotherapy. Usually matter This important Because impact side chemotherapy can have impact important to quality life patient Colon cancer, OK in a way physique as well as mentally. With Good information, member family patient colon cancer can give more support and assistance Good to calm. They can too offer help to patient For minimize impact side chemotherapy and improve quality life they.

Information is results detection something protest certain. Detection happen through five abilities humans, esp ability location, hearing, smell, taste and touch (Notoatmojo, 2019). Most information man obtained through eyes and ears. Based on results study this, got it concluded that member family patient colon cancer have good information about impact side treatment chemotherapy Because they has detect object certain, esp impact side treatment chemotherapy. Detection This can done through the five senses, esp eyes and ears. Eyes play a role important in detect object certain, counting impact side treatment chemotherapy. Family patient colon cancer can look at the surrounding data impact side treatment chemotherapy through various source, like books, articles, or mass media. They can too see in a way direct impact side treatment chemotherapy experienced by members his family. When That Ears also play a role important in detect object certain, incl impact side treatment chemotherapy. Member family patient colon cancer can listen information around effect side treatment chemotherapy through various source, like education health, discussion with worker health, or story from patient colon cancer other. Besides that, information from member family patient Colon cancer can also obtained through meeting claim they. For example, them can know impact side treatment undergoing chemotherapy member his family.

In connection with invention There is a number of variables that create member family patient colon cancer own good knowledge about impact side treatment chemotherapy. First number originate from expert health. Worker health, like doctor specialists, nurses and doctors, can give correct information about effect side chemotherapy. This data can obtained from meeting direct with worker welfare, as well as through print media or electronic.

As explained by (Kartikaningrum et al., 2022), education well-being is one of part important in well-being worker. Through education health, workers well-being can provide data and information around well-being in a way open. Coaching well-being can done through various media, such as extension, extension, and improvement well-being. Counseling health can add information public around well-being, so public can take the right choice For guard his welfare. For example, education health about importance wash hand with cleaner can add knowledge open about method prevent transmission disease (Nurchayani and Kartikaningrum, 2020).

Service health care provided by experts health can too increase openness information around health. Through service health, officer health can give information and clarification around condition health patient. Service quality welfare can increase trust open to worker well-being. Individuals who believe that specialist well-being will more open For get data and information around health (Kartikaningrum et al., 2022).

Figure the moment is support family in calm care. Family can play role dynamic in calm care, incl impact side chemotherapy that makes difference for patient. Families can too looking for additional data around impact side chemotherapy through various sources, such as the internet, books, or quiet community to cancer.

This matter explained by Suparman Rustam, et al. (2022) that when family own good information around condition patients, them will more easy know what happens to the patient



and what is needed For treatment . This matter will make superior family capable give appropriate support and assistance For understanding . For example , diabetics are calm need pattern eat healthy and more A little sport For control his blood sugar level . The family that owns it information about diabetes will more capable help patient undergo pattern eat healthy and exercise (Suparman Rustam , 2021) .

When family own good information about welfare , them will more trust specialist well-being . This matter will make family more open For check it out self to doctor specialist health and follow the advice of doctor specialist health . For example , someone who is undergo operation need explanation from doctor specialist health about procedure surgery and the risks involved happen . The family that owns it information around surgery will more capable understand explanation from worker health and giving contribution to patients (Suparman Rustam, 2021) .

In connection with invention Here , analysts have a number of presumption . First , emergence thinking This show that member family patient colon cancer own level high awareness to effect side treatment chemotherapy . Usually important Because impact side chemotherapy can impact big on quality life patient Colon cancer , OK in a way physique as well as mentally. With extensive knowledge , member family patient colon cancer can give more support and assistance Good to his understanding . They can too offer help to patient For minimize impact side chemotherapy and improve quality life they .

Moment this , in part big respondents is member family from patient colon cancer man . This matter show that man more Can reliable in family , so they have more role important in give contribution to patient colon cancer . Sufferer colon cancer need return from family , okay in a way financial , sincere and instrumental. Budget return can form help cost treatment , costs transportation , and costs maintenance other . Full support excitement can form support ethics , inspiration , and certainty . Instrumental back can form help in do activity everyday , like cooking , cleaning home , and takes you to doctor specialist . In terms of budget , man generally own income more tall compared to Woman . This matter make man more capable give help finance to patient colon cancer . In matter support emotional , man generally own design more communication open and firm . This matter make man more capable give support full excitement to patient colon cancer , such as give inspiration and comfort . In matter instrumental back , male generally own capacity more physical strong compared to Woman . This matter make man more capable give support important for patient colon cancer , such as make difference for patient in activity daily .

Third , deep case This almost half of it is member family patient aged between 30-39 years . Age 30-39 years Possible is Favorable age , so member family at age This own capacity more big For give help finances , enthusiasm , and role important to patient colon cancer . Support monetary can form help cost treatment , costs transportation , and costs maintenance other . Full back excitement can take frame back ethical , inspiring and consoling . Rolling tool This can role as tool help in operate activity everyday , like cooking , cleaning home , and take you to doctor specialist . Member old family between 30-39 years in general Already own employment and income still . This matter make they more capable give money back to patient colon cancer . Besides that , member old family between 30-39 years generally Still own energy and quality physical enough For give instrumental support to patient colon cancer .

Fourth , deep consideration this , almost half of it is individual family who owns member family sufferer colon cancer that has undergo chemotherapy for 2-4 months . It seems member family who have undergo maintenance with patient colon cancer for 2-4 months own more information Good around effect side chemotherapy , so can give more support appropriate For understanding the .



## Support Family to Patients Colon Cancer in Room Semeru HOSPITAL Dr. Saiful Anwar Poor

In consideration this, appeared that individual in the family is very strong compared to individual in family which is patient undergoing colon cancer chemotherapy. This matter can proven with findings that of 93 respondents, some large, specifically 62 respondents, have very strong performance (66.7%). It seems support family is very important for patient undergoing colon cancer chemotherapy. Support family can shaped support full passion, physique, and budget. Full support Spirit can form giving affection, attention, and listening complaint patient. Back physique can role in make difference patient with activity everyday, like cooking, cleaning home, and bring patient to center healing. Support budget can take role For make difference paid patient For cost recovery and treatment.

According to Friedman (2014), back family can become grip that occurs without stop throughout life man. Family return centered on the intuition that takes connection different social as judged by that person. Support family is circumstances thoughts, actions and confessions family to the individuals. Family people see that people are stable always Ready give help and support If required. (Frey, 2023)

Study show that 66.7% of members family patient colon cancer that gets chemotherapy is very strong can explained from corner look hypothesis Friedman information. Support family provided by members family to patient undergoing colon cancer chemotherapy can is form pattern thought, activity and recognition family to the individual. Back This can shaped support physical, arousal, social and instrumental. Support physique can form help in do activity everyday, like give help in eating, washing and dressing. Enthusiastic back can form giving support, inspiration and a sense of consolation. Support social can shaped harmony, care and recognition. Instrumental support can be form help in field regulatory, monetary, and transportation.

In connection with appearance study There is a number of factors that make member the family is very stable to member family patient undergoing colon cancer chemotherapy. First of all, strong and full relationships excitement. Connection strong enthusiasm between member family will empowering member family For give more help big to member marginalized families. Member family will feel own obligation For help individual affected families disaster, okay in a way physique nor sincere. For example, a person partner will be very strong to his middle partner undergo chemotherapy Because they own connection strong husband and wife. Partner will feel called For accompany his partner moment undergo chemotherapy, either at home as well as at the center healing.

This matter as explained by Wahyuningsih, et al (2018) that Spirit return kinship can take frame expression warmth, attention and recognition. Support This can make patient feel loved, appreciated and acknowledged. This matter will increase trust self and worth self patient, who in turn can increase connection full love patient with others, incl family. Besides that is, patients who have connection emotional good with his family will more easy For return from his family. This matter often happen Because meaning feel comfort and trust in the family. Besides that, the patient will too feel more persuaded For follow advice and attitudes family. (Pangesti et al., 2019)

Moment, understanding about Colon cancer and chemotherapy. Member the family gets it information about colon cancer and chemotherapy will Far more capable give help to member deceased family. Individuals who are married will can obtain condition physical and spirit from part his family was wiped out, so can give adequate reward. For example, a person child will more capable support his mother is pregnant undergo chemotherapy If He caught disease Colon cancer and chemotherapy. Children will capable give moral support and encouragement to his





mother, as well offer help in things important, like cooking, cleaning home, and took him to the center healing.

As explained by (Wahyuningsih et al., 2018), good information and understanding about condition patient can empowering family. For more involved in maintenance they. Family will get more Good what children need that and how give proper care. For example, a family that has good knowledge and understanding about the moo salt diet for patient hypertension will more active in empowering patient For consume food Healthy. They will too offer help to patient For arrange their salt intake.

(Wahyuningsih et al., 2018) more carry on explain that support a solid family can become inspiration for patient in undergo treatment. The family provides support ethical and full Spirit can offer help to patient to remain excited and not give up in oppose the disease. As picture, always family give encouragement and support to patient cancer will make patient the more encouraged in undergo treatment. They will too offer help to patient For overcome fear and tension that will appear.

In connection with invention Here, analysts have a number of presumption. First, the results study show that support family is very important for patient undergoing colon cancer chemotherapy. Return family can shaped return passion, physicality, and money. Enthusiastic support can form giving affection, attention, and listening complaint patient. Support physique can form make difference for patient with activity everyday, like cooking, cleaning home, and bring patient to House Sick. Support financial can form changes must be made paid patient For cost recovery and treatment. Based on results study Here, analysts believe that support family can give impact positive in patients undergoing colon cancer chemotherapy. Full back excitement can help patient feel more loved, acknowledged, and upheld. Back physique can help patient For Keep going do exercise everyday and not feel restrained. Support related to money offer help to patient For experience treatment and care with easy.

Moment this, in part big respondents in study This is member family from patient colon cancer man. This matter show that role man in family sufferer Colon cancer is very large. Men in general role as head family and bones back family. Therefore that 's them have not quite enough very big answer For give support to family, incl member suffering family colon cancer.

Third, almost half respondents in study This is member family aged patients between 30-39 years. This matter seen that individual family patient Colon cancer is still there in age Healthy have share important in give return to family. Age benefit is the most dynamic age in work and exercise. Therefore that 's them own more opportunities big For give help physical, financial, and spirit to member suffering family colon cancer.

Fourth, almost half respondents in consideration This is individual family who owns member family patient colon cancer that has undergo chemotherapy for 2-4 months. This matter seen that individual family patient colon cancer that has undergo chemotherapy for 2-4 months need more back stand out. Chemotherapy Can become treatment cancer that has effect very real side. Next, members family that provides help to patient colon cancer that has undergo chemotherapy for 2-4 months need more information wide around impact side chemotherapy and methods bid it.

### **Connection between Knowledge about Effect Side Chemotherapy with Support Family in Patients Colon Cancer in Room Semeru HOSPITAL Dr. Saiful Anwar Poor**

In consideration this, appeared information that information family about impact side treatment chemotherapy have weak relationship However positive and critical with support family of the patient colon cancer in the ward Semeru Regional Hospital Dr. Saiful Anwar Malang. Usually proven with discovery shows that almost half from member family, 46 people to be exact

, has good knowledge around chemotherapy , some small , namely 25 people, very strong to member his family which is patient colon cancer . From p this , got it concluded that the more Good information family about effect side treatment chemotherapy , increasingly big possibility member family will be very strong to member family patient undergoing colon cancer chemotherapy .

In line with Notoadmojo (2018), information is the result of “ knowing ” and happening after individual feel exists protest certain . Detection happen through five sense humans , that is ability looking , hearing , smelling , tasting and touching . Most information man obtained through eyes and ears . Information or cognitive Possible is very critical space in form activity somebody .

Based on explanation that , then arise thinking that there is proper relationship noticed and positive between information family around effect side treatment chemotherapy with support family of the patient colon cancer in the ward Semeru Regional Hospital Dr. Saiful Anwar Malang got it translated in a number of method . First , knowledge family about effect side treatment chemotherapy can increase understanding family to condition patient . Usually critical Because treatment chemotherapy can give rise to various effect side that can bother condition physical and mental of the patient . With understand impact side treatment chemotherapy , family can give proper support to patient , for example with make difference so that patient can overcome impact side the .

The moment , the information family about impact side treatment chemotherapy can increase feelings of love Darling family to calm . Sympathy is ability For feel other people's feelings . With understand effect side treatment undergoing chemotherapy patient , family Can more empathize and understand sentiment patient . This matter will increase support enthusiasm given family to patient .

Third , information family about impact side treatment chemotherapy can increase trust family to officer health . Family sufferer colon cancer often feel anxious and stressed with condition the patient . With understand impact side treatment chemotherapy , family can more believe in prosperity caring workers suffering patients disease persistent . This matter can increase support social services provided family to patient .

Investigation results This in line with theories put forward by analysts . On segments development theory explained that information family around effect side chemotherapy believed related with support family of the patient colon cancer ( Shesy Sya'haya , 2020). Usually based on understanding that If family own level good information about impact side treatment colon cancer with use chemotherapy , then will the more good health too family for patient cancer That Alone . Family will in a way gradually give return to individual family which is patient colon cancer so that they can in a way routine , relative and agree with the suggestions taken after treatment chemotherapy . This matter happen Because family need individual his family For quick recovered ( Shesy Sya'haya , 2020). Sometimes found that family No give sufficient contribution to patient cancer especially Because family No know in a way Specific about treatment strategies chemotherapy , one of them is type and level effect side chemotherapy . For example , there is receiving family that chemotherapy own effect very dangerous side effects for patients cancer . In fact , if We touch on proposal restorative , then will is known that when chemotherapy done with appropriate so will bring benefit for recovery patient . However Because family No own good information , then family No give great support to patient cancer ( Shesy Sya'haya , 2020).

Research result This in accordance with explanation supporter family that Friedman (2014) agrees with regarding types family return . This matter will seen from a number of corner look . First of all , education return . Information family about impact side treatment chemotherapy can give help family provide data to patient around What just will they facing



moment undergo treatment . This data can help patient plan effect side chemotherapy , so patient No feel nervous or worried . This matter can increase motivation persistent For undergo treatment chemotherapy . The family knows that effect side chemotherapy can cause nausea and vomiting can provide data to patient about method anticipate and overcome nausea and vomiting . This data can give help patient undergo treatment chemotherapy with more comfortable .

Moment , assessment return . Information family about effect side treatment Chemotherapy is also possible give help to family For give correct assessment to condition patient . Family can give support and support to understanding For undergo treatment , even If understanding the experience impact side . The family knows that effect side chemotherapy can cause fatigue can give return patient For rest and eat food nutritious . This matter can give help to patient For undergo treatment chemotherapy with more clear .

Third , instrumental strengthening . Information family about effect side treatment Chemotherapy is also possible give help to family For give instrumental support to patient . Family can give help to patient For fulfil his needs during undergo treatment , such as need eat , drink and rest . The family knows that effect side chemotherapy can cause reduced lust Eat can help patient plan interesting and nutritious food . Back This can help patient For Keep going fulfil need his health moment undergo treatment chemotherapy .

Fourth , support enthusiastic . Information family about effect side treatment Chemotherapy is also possible give help to family For give Spirit return to patient . Family can give support and consideration to understanding that , so understanding the felt comfortable and safe . The family knows that impact side chemotherapy can give rise to despair can give Spirit return to the persistent . Family can listening complaint patient and giving the spirit of calm to remain enthusiastic in undergo treatment .

In connection with discoveries this , in fact general researchers agree with results thinking This . Information family about effect side treatment chemotherapy can impact return to the family patient colon cancer . The more Good information family about effect side chemotherapy , increasingly big possibility family the give good understanding . There are some reason Why information family around impact side chemotherapy can impact on support family . First of all , information good family about impact side chemotherapy can help family understand that chemotherapy is interesting treatment For colon cancer , but also has impact side that can bother comfort patient . With understand matter this , family can arranged with more Good For consider impact side chemotherapy and giving more understanding Good . Moment this , knowledge family about effect side chemotherapy can help family in give proper care to patient . For example , the family knows that chemotherapy can cause nausea and heaving can offer help to patient For supervise impact side the . With method Here , patient can undergo chemotherapy with more comfortable and reducing possibility complications . Third , information family around effect side chemotherapy can give full assistance Spirit for family to patient . For example , the family knows that chemotherapy can cause weakness can offer help to patient For get enough rest . So , understanding Can undergo chemotherapy more grounded and more safe to impact beside him . Therefore that 's important for family patient colon cancer For own good knowledge about impact side treatment chemotherapy . Information This can obtained from various source , like expert health , books , or articles on the web . With own good information , family can give more help Good to patient and offer help to patient For undergo chemotherapy with more Good .

Besides that , the researchers also believe that information family about effect side treatment chemotherapy can obtained from various source , such as data from expert health , mass media , or the internet . Information Good around effect side treatment chemotherapy can help family understand What just will experienced patient moment undergo chemotherapy , okay impact side light nor Serious . Effect side treatment chemotherapy can covers effect side physical

, like nausea , vomiting , diarrhea , hair loss , fatigue , and infection . Impact side This can gives rise to a feeling of no comfortable and long lasting for patient . Besides Yes , chemotherapy can also be done give rise to effect mental side , like anxiety , suffering , and tension . When family caught impact side treatment chemotherapy , them will more Ready face it . Family will too more understand what is needed patient moment undergo chemotherapy . This matter can increase feelings of love affection and sensitivity family to understanding , so they tend give more support big .

## CONCLUSION

1. Family sufferer undergoing colon cancer chemotherapy in the Semeru Room at RSUD dr. Saiful Anwar Malang has good information about impact side treatment chemotherapy .
2. Family is very strong from member his family which is patient moderate colon cancer undergo chemotherapy in the Semeru Regional Hospital .
3. Knowledge level family about impact side treatment chemotherapy covers empowering relationship However positive and appropriate noticed with family back to the patient colon cancer in the ward Semeru Regional Hospital Dr. Saiful Anwar Malang .

## SUGGESTION

Based on results research and discussion , then suggestions in study This is as following :

1. For family patient
2. Family patient must listening clarification This with carefully For get it and give it appropriate support .
3. Family patient can do study Alone about impact side treatment chemotherapy . This matter can done with read valid book , article , or website.
4. **For Researcher Furthermore**  
**Researcher other influencing factors support family of the patient colon cancer .** Besides knowledge about effect side treatment chemotherapy , yes Other factors can also be influence support family of the patient colon cancer . Factors the can categorized as become internal factors and factors external .
5. Share Educational Institutions  
Can be used as material for developing knowledge in nursing management. Human resource management and service quality management in hospitals as well as references for future researchers.
6. Share House Sick  
Research result This can made reference policy House Sick For the more maximizing services and information to party family in the room Semeru Dr Saiful Anwar Hospital Malang .

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