





## 1997

- 1997 was the year we started to offer home-care to patients living in the Stockholm area.
- We had heard that patients suffering from cystic fibrosis treated in there homes had less infections and that's a benefit for allo-SCT patients.
- In US you had started to treat autologus patients in different homecare settings, one reason was to reduce costs.
- In Canada James Russel had treated a few allogeneic SCT patients in an outpatient setting.

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## **PATIENTS AND ORGANISATION**

- There are just about 12 patients per year from the Stockholm area that fullfill the criteria for home care and therefore can be treated at home.
- 12 patients per year are to few to have a separate organisation for those patients.
- We conect home care to the ward.
- To organise home care just one more nurse had to be employed. All together five nurses from the ward has to be involved in home care and capable to take care of these patients at home. <u>They also work at the ward.</u>

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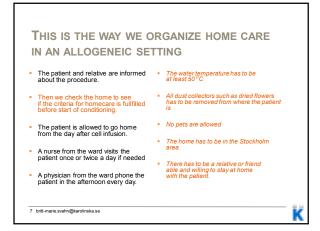
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### **NURSE AT HOME**

- The nurse will check on vital signs, temperature and blood pressure.
  Take bloodsamples and cultures if the patient have fever.
- She/he will check on food intake and give total parenteral nutrition if needed.
- Check on mucositis
- · Give iv medications, erythrocytes and platelets if needed.
- · Leave medicines for at least three days
- Go back to the ward and discuss the patient with the physician.
- After checking all results for the day the physician will phone the patient to ask if everything is ok or to change medication if necessary

	have max. 4 patients at home at the same time depending on patients and the number of aviable nurses.
	tients get the conditioning at the hospital. This is to let the staff ne patient and vice versa.
<ul> <li>They c feel for</li> </ul>	an leave for home care the day of cellinfusion or as soon as they it.
	atient need more than two visits per day they have to come back oospital.







	FOR READN			
Reason	Number	Reason	Number	
Fever	55	CVL problem	3	
Mucositis	2	Nausea	4	
Abdominal pain	4	No person to stay at home with the pat.	4	
Leg pain	2	Nose bleeding	2	
Diarrea	4 (one haemorragic)	Other	10	
Skin rash	5	*		



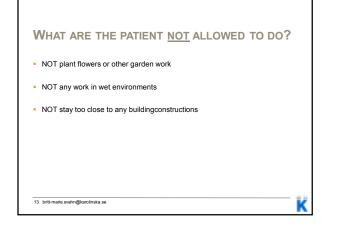


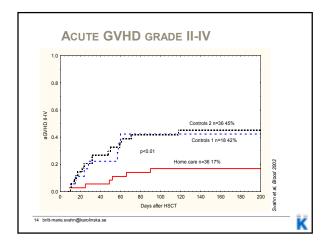
## BUT NOTHING IS LIKE HOME. WHAT CAN BE DONE AT HOME?

- Almost everything they feel for
- Take dayly walks to get hungry and breath deeper
- Eat together with the family
- Play games, watch TV, make food
- Exercise

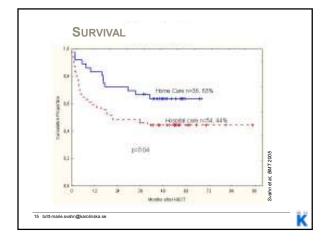












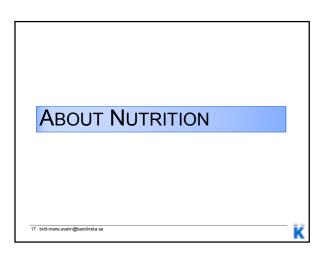


## THIS ENCOURAGE US TO GO ON BUT WHY MAY IT BE BETTER TO BE TREATED AT HOME?

• We thought it could be because of better nutrition at home

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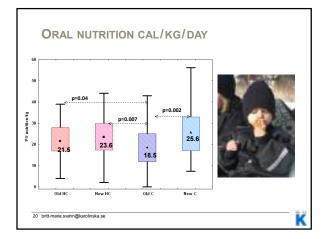
- Less stress
- More comfortable

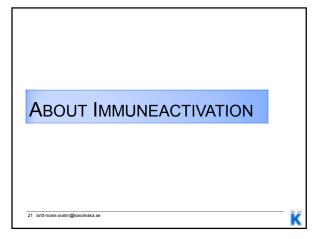




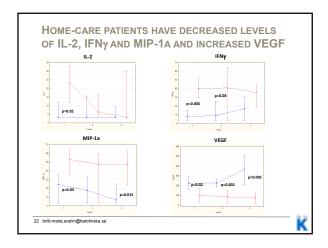








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## RESULTS

- Patients in the home care group and the hospital care group rated a high satisfaction with the care and support during the acute post transplantation phase.
- Patients in the home care group expressed to a greater extent that they had a feeling of being seen as a person not as a patient.
- The relatives rated the homecare high just 4 had some complains regarding information.

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# $\begin{array}{l} Multivariate analysis of factors influencing probability of acute graft-versus-host disease grades II-IV and not matched for in the comparison between home care and control patients \\ \end{array}$

Factor	HR	95% confidence interval	p-value
Home care vs. hospital care	0.41	0.19 - 0.86	0.02
Oral nutrition*	0.98	0.94 - 1.01	0.13
Number of days at home	0.92	0.88 - 0.98	0.004
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## This is what a 10 year boy thought

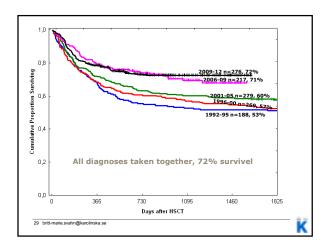
- In the hospital I had stopped eating long time ago. I felt sic just seeing the menues.
- At home I could eat my mother's good food.
- It is never as safe as in the hospital, help is just a click away.
- One feels that mother and father is compleatley safe in the hospital and at home it can get a little more concern.
- It was comforting to have the nurses coming home every day both for me and my mother.

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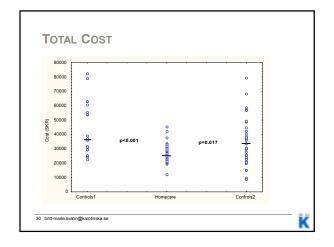




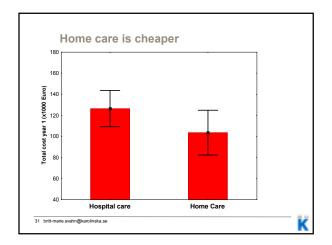














## CONCLUSION

- After 17 years and 222 patientes treated at home we can tell home care is safe or at least not more dangerous than to be treated at the hospital.
- Many days at home is associated with low risk of aGVHD.
- Patients like to have this opportunity
- · We can use the hospital beds more effectively
- Home care might be cheaper compared to hospital care
- AND we cannot be sure of anything without a randomized study.

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