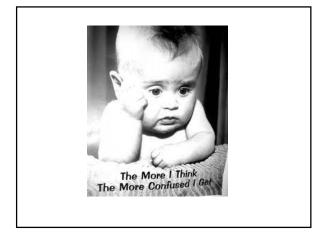
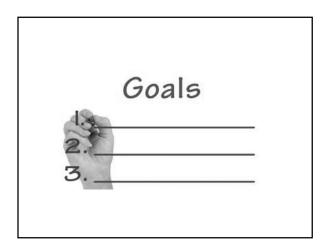
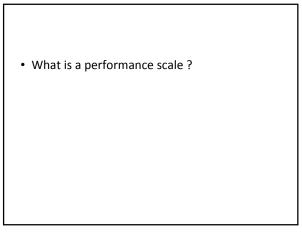


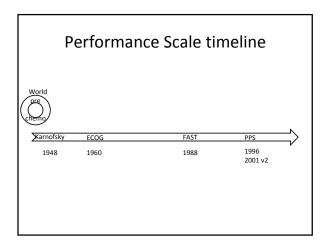


PPS = 30, 40, or 50 ECOG = 2, 3, or 4 NYHA = I, II, III, or IV FAST = 5....7f KPS 70...20









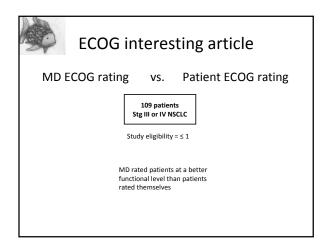
		rnosky e Status Scale (KPS)
Ka	mofsi	y Performance Scale
General category	%	Specific criteria
Able to carry on normal activity	100	Normal general status - No complaint - No evidence of disease
No special care needed	90	Able to carry on normal activity - Minor sign of symptoms of disease.
	80	Normal activity with effort, some signs or symptoms of disease.
Unable to work	70	Able to care for self, unable to carry on normal activity or do work
Able to live at home and care for most personal needs	60	Requires occasional assistance from others, frequent medical care
 Various amount of assistance needed 	50	Requires considerable assistance from others; frequent medical care.
Unable to care for self	40	Disabled, requires special care and assistance
Requires institutional or hospital care or equivalent	30	Severely disabled, hospitalization indicated, death not imminent
Disease may be rapidly progressing	20	Very sick, hospitalization necessary, active supportive treatment necessar
Terminal states	10	Moribund
	0	Dead

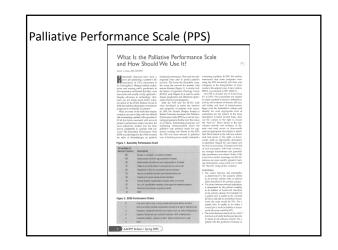
V	Eastern Cooperative Oncology Group (ECOG)
	ECOG PERFORMANCE STATUS*
Grade	ECOG
0	Fully active, able to carry on all pre-disease performance without restriction
1	Restricted in physically strenuous activity but ambulatory and able to carry out work of a light or sedentary nature, e.g., light house work, office work
2	Ambulatory and capable of all selfcare but unable to carry out any work activities. Up and about more than 50% of waking hours
3	Capable of only limited selfcare, confined to bed or chair more than 50% of waking hours
4	Completely disabled. Cannot carry on any selfcare. Totally confined to bed or chair
5	Dead



Dr. Akilu says

- The issue on performance status (measured by the ECOG or Karnofsky score) is complex
- "Most clinical trials for solid tumor do only select those with excellent to good PS. For lung cancer trials limited to PS 1-2 so impact on survival for those of PS 2 unclear. One rule of thumb I follow is if PS 3-4 tend not offer chemo. Exceptions are the highly aggressive small cells ca where PS does not really matter in the initiation of chemo as well as certain heme malignancies."

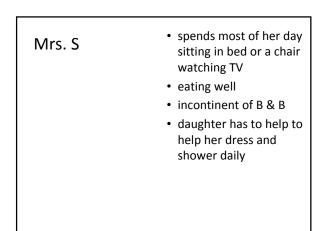




Palliative Performance Scale (PPS)						
PPS Level	Ambulation	Activity & Evidence of Disease	Self-care	Intake	Conscious level	
100%	Full	Normal activity & work	Full	Normal	Full	
90%	Full	Normal activity & work Some evidence of disease	Full	Normal	Full	
80%	Full	Normal activity with Effort Some evidence of disease	Full	Normal or reduced	Full	
70%	Reduced	Unable Normal Job/Work Significant disease	Full	Normal or reduced	Full	
60%	Reduced	Unable hobby/house work Significant disease	Occasional assistance necessary	Normal or reduced	Full or Confusion	
50%	Mainly Sit/Lie	Unable to do any work Extensive disease	Considerable assistance required	Normal or reduced	Full or Confusion	
40%	Mainly in Bed	Unable to do most activity Extensive disease	Mainly assistance	Normal or reduced	Full or Drowsy +/- Confusion	
30%	Totally Bed Bound	Unable to do any activity Extensive disease	Total Care	Normal or reduced	Full or Drowsy +/- Confusion	
20%	Totally Bed Bound	Unable to do any activity Extensive disease	Total Care	Minimal to sips	Full or Drowsy +/- Confusion	
10%	Totally Bed Bound	Unable to do any activity Extensive disease	Total Care	Mouth care only	Drowsy or Coma +/- Confusion	
0%	Death	-	-	-	-	

Mrs. S	82 yr-old with dementia •walker to get the mail •no longer able to knit or sew
	 doesn't recognize grandchildren difficulty completing sentences
	•Daughter has to occasionally help with dressing

			ve Perfor le (PPS)	manc	e
PPS Level	Ambulation	Activity & Evidence of Disease	Self-care	Intake	Conscious level
100%	Full	Normal activity & work No evidence of disease	Full	Normal	Full
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0%	Death	-	-		-



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0%	Death	-	-	-	-

Mrs. S	 chokes when fed (bites of jello or pudding) has to be lifted to a bedside chair

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0%	Death	-	-	-	-

Mrs. S	 Minimally responsive and unable to swallow Receiving continuous PEG feedings (2000cal/d)

		Sca	le (PPS)		
		JLa	ie (FF3)		
PPS		Activity &			
Level	Ambulation	Evidence of Disease	Self-care	Intake	Conscious level
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0%	Death	-	-	-	-

telescope •eats well and feeds self •full use of hands and arms
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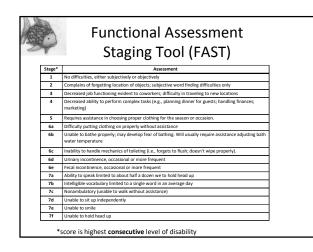
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0%	Death		-	-	-

Is PPS the gold standard???

Ambulation and activity can be influenced by desire and support

Horizontal or down scoring – now can change levels to get a "best fit"



Functional Class (NYHA)		
	Symptoms	
Class I	Cardiac disease but no limitation of physical activity. Ordinary activity does not cause undue fatigue, dyspnea, or anginal pain.	
Class II	Mild limitation. Symptom free at rest. Ordinary activity may cause fatigue, dyspnea, or anginal pain that resolves with rest and results only slight limitation of physical activity	
Class III	Moderate limitation. Symptom free at rest. Ordinary activity is markedly limited by fatigue, dyspnea, or angina pain.	
Class IV	Severe limitations. Symptoms cause inability to carry out any physica activity without discomfort. Fatigue, dyspnea, or angina may be present at rest. <u>ANY</u> physical activity increases discomfort.	
	last updated 3/4/94	

Mortality Risk Index Score			
Mortality Risk Index Score (Mitchell) months	Risk estimate of death within 6		
Points Risk factor	Score	Risk %	
 Complete dependence with ADLs Male gender Cancer Congestive heart failure Oz therapy needed w/in 14 day Shortness of breath vz5% of food eaten at most meals Unstable medical condition Bowel incontinence Bedfast 4, Age > 83 y Not awake most of the day 	0 1-2 3-5 6-8 9-11 =12	8.9 10.8 23.2 40.4 57.0 70.0	

