





















UPPSALA UNIVERSITET	Different diseses have d cancer drugs	ifferent sensitivity to
	Extremely high sensitivty	Low senitivity
	Leukemia	Head-neck
	Testicular	Esophagus
		GI
	<u>High sensitivity</u>	Malignant melanoma
	Lymphoma	NSCLC
	Ovarial	Prostate
	SCLC	
		<u>Resistant</u>
	Intermedite sensitivity	Primary liver (HCC)
	Breast	Renal
	Sarcoma	
	Anal	











## Nausea

## ANTIEMETIKASCHEMA VID FÖRDRÖJT ILLAMÅENDE

Nr	1	2	3	4		5		6	
Läkemedel	T/S Primperan	T Betapred	T Betapred	T Betapeed	K Navoben	T Betapred	K Navoban	T Betapred	K Naveben
	10/20 mg	0.5 mg	0.5 mg	0.5 mg	Snig	0.5 mg	5 mg	0.5 mg	5 mg
Des dag 1	49	4 51	6 st	8 st	Lst	10 st	1.8	8 st x 2	L st
2	vb	2 st	4 st	6 st		3 st		S at x 2	1 st
3	47	1.	2 st	4 st	1.	중:1		8 st	
4	70	+	+	2 st		4 57		6 st	
5	vb		-	-		2 st		4 v!	-

Dag 1 = första dagen efter given cytostatikabehandling

Vid otillräcklig antiemetikabehandling: S/T Primperan vb, max 60 mg /dag. Vid kur 1 ska patienten få recept på detta

Vid otillräcklig antiemetikabehandling samt patienten önskar viss sedering: T Evncos 10 mg, 1-2 tabl vb alternativt T Temesta 1 mg, 1 tabl vb

## Basic treatment: corticosteroids and methoclopramide +5HT3 receptor antagonists +NK1 receptor antagonist



Ibit Epineherin     75 mg/m²     Dag 1       Ibit S-FU     600 mg/m²     Dag 1       Ibit Cyclodionfumid     600 mg/m²     Dag 1       Dorosefulation     000 LFK = 0.5 m 10° differentive TFK = 75 m 10°, viel growtagning dag 21 aller 22 thaff       Bestindingen given topp tilts denose inforte upgedrit. One house tilget upg 2 veckes eller mer, skall dorosefulation doroscharte för upgedrit. One house tilget upg 2 veckes eller mer, skall dorosefulation doroscharte för efformåle kusse.       Ta blochtem dag 12 (andr).       Cyclelinervill 21 dagat       Eller Are. Antienretickandingen size tilts mer dor       DAG 1       Bestarte dagat       Ing Novolkons 5 mg/m       Ing Setupoet 8 mg/m       Ing Setupoet 8 mg/m       Ing Setupoet 8 mg/m       Ing Setupoet 8 mg/m       Ing Jerrebicin       mg/w 1900 nal NaCL Infrid 3 tim       Ing Jerrebicin       Ing Jerrebicin       Ing Jerrebicin       Ing Jerrebicin       Ing Jerrebicin	PPSALA IVERSITET		E	<u>E<sub>75</sub>C</u>		]	
Dottediation: Om LPK ~2.5 ± 10° alternative TPK <75 ± 10°, vid provinging dag 21 aller 22 shall behandlingen skyste upp tilt dena visiden upgaldri. Om hann skyste upp 2 vorken eller mer, shall detaredahna denavigur fin effectfojnade karer. Om LPK ~1.0 ± 10° uppratte under mellingestoden, vi skall detaredahna detaredahna tre effectfojnade karer.		laf Epsylveria Inj S-FU Inf Cyklodinfamid	75 mg/m² 600 mg/m² 600 mg/m²	Dag Dag	1		
DAG 1     bernills still evoluti ja nej     Schwign     Läkwign       Inj Navoboa 5 mg iv		Desmelialetten: One LPR bekandlingen skynten og desmedialetten detweringen et skall desmedialetten et te klochtenen dag 12 (n. Cykelingsservelt 21 dagar Efter kom Antiennetikas	-2.5 ± 10° alternative Ti p tils deca vinden upp får efterföljande krære i verdapar för efterföljande efte).	PK <75 x 10 <sup>°</sup> , vid proving Jrn. Om koren skjett opp Den LPK <1.0 x 10 <sup>°</sup> rappen koren.	ning dag 21 aller 2 veckos siler u atti under mello	: 22 shall or: skall operiodea,	
Inj Navobas 5 mg iv Inj Betapred 5 mg iv Inf Epirobicia mg iv i 500 ml NaCL Inf tié 3 tun Inj 6-PU mg iv bohn. Inj tié 3 min 55mm		DAG 1	bernille til ki	jes sj. stjerne	Schutign	Lähsiga	
Inf Epirebicis       mg iv i 500 ml NaCL Infrid 1 tm         Inj 6-FU       mg iv bohn. Inj ind 2 min		Inj Navoboa 5 mg iv Inj Betapred 8 mg iv			_		
		Inf Epirobicia Inj 6-FU u	mg iv i 500 ml Nø g iv bolm. Inj tid 2 min	CL Infitiel 3 tim St	=		
Ind Cyndeferfanod ing re 1750 nJ NdCL Ind hd 15 mm Start		laf Cyklaforfamid	mg iv i 250 ml	NəCl Infitid 15 min St			
		2					



Stady         Properties         Formatic           Defines and Dubles (19916) [1]         9         563 A sect = 0.00212 A frequences <sup>10.00</sup> A section to the section (1900 A section 1000 A section 10000 A section 1000 A section 10000 A section 1000 A section 10000 A section 1000 A section 10000	Number         Properties         Formula           Define and Defice (1997) [2]         197         653 (or 2 = 0.00237 × height int <sup>1756</sup> × maght fog <sup>1248</sup> Rep1 (1997) [2]         197         853 (or 2 = 0.00237 × height int <sup>1756</sup> × maght fog <sup>1248</sup> Gebox and Defines (1997) [2]         197         853 (or 2 = 0.00237 × height int <sup>1756</sup> × maght fog <sup>1248</sup> Gebox and Defines (1997) [2]         197         853 (or 2 = 0.00235 × height int <sup>1756</sup> × maght fog <sup>1248</sup> Harcock at at (1976) [4]         81         263 (or 2 = 0.00235 × height int <sup>1756</sup> × maght fog <sup>1756</sup> × maght fog <sup>1757</sup> × height int <sup>1756</sup> × maght fog <sup>1757</sup> × height int <sup>1756</sup> × maght fog <sup>1757</sup> × height int <sup>1757</sup> × height int <sup>1757</sup> × maght fog <sup>1757</sup> × height int <sup>1757</sup>	Table I. Frequently used BSA for	milio (ui cheveril-gio	ul orden
Defines and Define (1999) [1]         9         863.4 (set) = 0.002122 × height rep <sup>4/28</sup> × single (hg <sup>2/28</sup> )           Beyl (1973) [2]         197         265.4 (set) = 0.002132 × height rep <sup>4/28</sup> × single (hg <sup>2/28</sup> )           Generating (1979) [2]         197         265.4 (set) = 0.002123 × height rep <sup>4/28</sup> × single (hg <sup>2/28</sup> )           Generating (1979) [2]         197         265.4 (set) = 0.002123 × height rep <sup>4/28</sup> × single (hg <sup>2/28</sup> )           Generating (1979) [1]         41         25.4 (set) = 0.022245 × height rem <sup>4/28</sup> × single           Hapcok et al. (1976) [4]         41         25.4 (set) = 0.022245 × height rem <sup>4/28</sup> × single           Machine (1987) [5]         46         25.4 (set) = 0.022245 × height rem <sup>4/28</sup> × single           Minicide (1987) [5]         46         25.4 (set) = 0.022245 × height rem <sup>4/28</sup> × single           Minicide (1987) [5]         46         25.4 (set) = 0.002245 × height rem <sup>4/28</sup> × single           Minicide (1987) [5]         46         25.4 (set) = 0.002245 × height rem <sup>4/28</sup> × single           Minicide (1987) [5]         46         26.4 (set) = 0.002245 × height rem <sup>4/28</sup> × single           ** This determand is a resolution of the Comment (Set) [1] (1] Height rem × velocities in the (19.101)         47           ** This information from DuBois and DuBois)         Simple dosage/BSA calculator rulers           Simple dosage/BSA calculator rulers         Smartphone or web apps  <	Define and Define (1999) [2]         9         56% excl = 0.02237 % high conf <sup>176</sup> % and high fill           Rept (1997) [2]         197         100% (1997) * 1000 (1997) * high conf <sup>176</sup> % and the fill           Cohen and Derive (1997) [2]         197         100% (1997) * 1000 (1997) * high conf <sup>176</sup> % and the fill           Cohen and Derive (1997) [2]         197         100% (1997) * 1000 (1997) * high conf <sup>176</sup> % and the fill           Cohen and Derive (1997) [2]         197         100% (1997) * 1000 (1997) * high conf <sup>176</sup> % and the fill           Harock at at (1976) [4]         81         25% (1997) * 0102 (2253 % high conf <sup>176</sup> % and the fill           Medide (1987) [5]         and         80% or 1 = 1 (1992) * 1000 (1997) * might (he (1997) / 0000 and the fill           ** The formerit is a modification of the Cohen and Correct 21 (1998) foot = 2 (1998) foot =	Study	Population	Formata
Nomogram (from DuBois and DuBois)           Simple dosage/BSA calculator rulers	Hend (#000)[2]         107         Provide State (1000)[20]         hend (word) ** mediate (% % % % % % % % % % % % % % % % % % %	Dallina and Dallon (1910)[1]		SSA (air) = 0.30347 × height im <sup>4/24</sup> × weight (kg <sup>2+44</sup> ×
Generated Berger (MVM) (M)     #81     Box Agging = 0.0225 × height comp <sup>4,14</sup> × weight back det (1970; H)       Bit process et al. (1970; H)     #8     Box Agging = 0.022265 × height comp <sup>4,14</sup> × weight back det (1987) (M)       * This formed is a meddle-mean of the Generated Generat (D) Process Box (set) = 0.000000; How Box (set) = 0.00000; How (D) (MVM) we Box (set) = 0.00000; How (Box (D)	Common of George (1979) (1)     all     Starting and Compared (1979) (1)       Harcock at all (1970) (4)     all     Starting and Compared (1979) (1)       Mediate (1971) (5)     and     Starting and Compared (1979) (1)       ***     Starting and Compared (1979) (1)     and       ***     The Interesting of the Compared (1979) (1)     and       ***     The Interesting of the Compared (1979) (1)     and Compared (1971) (1)       ***     The Interesting of the Compared (1971) (1)     and Compared (1971) (1)       ***     The Interesting of the Compared (1971) (1)     and Compared (1971) (1)       ***     The Interesting of the Compared (1971) (1)     and Compared (1971) (1)       ***     The Interesting of the Compared (1971) (1)     and Compared (1971) (1)       ***     The Interesting of the Compared (1971) (1)     and Compared (1971) (1)       ***     The Interesting of the Compared (1971) (1)	Boyd (1993) [2]	107	RSA(gg/) = 00007207 × beight cost <sup>100</sup> × weight
Happenck at al. (1976) Hill         Bit         Provide at al. (1976) Hill         Provide at al. (1976)	Harcock at al. (1976) Hi         Bit         State state al.g <sup>2</sup> DUD2233 × houghs state <sup>2</sup> would be state <sup>2</sup> Meadule (1971) [5]         and         BitA state         V(Beadule state) <sup>2</sup> would be state <sup>2</sup> would be state <sup>2</sup> <sup>1</sup> The former is to mead former of the Coher and Cherry D[] Houghs (state) × would be state (1971) [5]         BitA state is = V(Beadule state) <sup>2</sup> would be state (1971) [1] <sup>1</sup> The determines a new filter mean of the coher and Cherry D[] Houghs (state) × would be state (1971) [1]         BitA state is = V(Beadule state) <sup>2</sup> Would be state (1971) [1] <sup>1</sup> The determines a new filter mean of the coher and Cherry D[] Houghs (state) × would be state (1971) [1]         BitA state is = V(Beadule state) <sup>2</sup> Would be state (1971) [1] <sup>1</sup> The determines a new filter mean of the coher and Cherry D[] Houghs (state) × would be state (1971) [1]         BitA state is = V(Beadule state)         Would be state (1971) [1] <sup>1</sup> The determines a new filter mean of the coher and Cherry D[] Houghs (state) × would be state (1971) [1]         Would be state (1971) [1]         Would be state (1971) [1] <sup>1</sup> The determines a new filter mean of the coher and Cherry D[] Houghs (state) × would be state (1971) [1]         Would be state (1971) [1]         Would be state (1971) [1] <sup>1</sup> The determines a new filter mean of the coher and Cherry D[] Houghs (state) × would be state (1971) [1]         Would be state (1971) [1]         Would be state (1971) [1] <sup>1</sup> Th	Geton and George (1970) [7]	40	85 A (pp) = 0.0235 × height traes <sup>8.42 and</sup> × weight
Meadle 1997 191 Bit A real 1 = V(Deck tool 1 =	Mediate (1911) 10 Bit can a V(Decide out of votion and the (1911)) The formation of the Coher and Comp Difference of the Coher and	Haycock et al. (197%) [4]	.01	85.4 (apr) = 0.024245 < height com/ <sup>1.566</sup> = weight
The formation of the Column of Comp Difference of the sector of the Sect	Nomogram (from DuBois and DuBois) Simple dosage/BSA calculator rulers Smartphone or web apps	Modellor (1987) [5]		SUA (art) = \([height (art) > seight (bg)]/3.000 as



		Drug		Dosing by				Adjustment for		
100	Cuidalinaa		Fixed	BSA	Weight	GFR	Renal	Liver	Other	
ASSEA	Guidelines	Cyclophosphamide		х	x					
THE REAL PROPERTY IN		Chlorambucil			x		(x)	(x)		
No states	C 1 1	Melphalan		х	(x)		х			
	tor dosing	Iphosphamide		х	(x)		(x)	(x)		
UPPSALA	tor dosing	Busulfan			x					
LOUIS DE DELETET	0	Lomustin		х						
UNIVERSITET	from EACC	Temozolomid		х						
		Dacarbazine		х			(x)			
		Metotrexat		х			х			
		Pemetrexed		х			(x)	(x)		
		Fludarabin		х			х	(x)		
		Cytarabin		х				х		
i i i i i i i i i i i i i i i i i i i		Fluorouracil		х			х	х		
		Gemcitabin		х			(x)	(x)		
		Capecitabin		х			(x)	(x)		
		Vinkristin		х				(x)		
		Vinorelbin		х				(x)		
		Paclitaxel		х				(x)		
		Docetaxel		х				(x)		
		Irinotekan		х			(x)	х		
		Etoposid		х			х		(Alb)	
		Doxorubcin		х						
		Epirubicin		х				х		
		Bleomycin		х			х			
		Mitomycin		х			(x)	(x)		
		Cisplatin		х			CI	(x)		
		Carboplatin		(x)		Х	Х	(x)		
		Oxaliplatin		х			(x)			
		Imatinib	x					×		
i i i i i i i i i i i i i i i i i i i		Bortezomib		×			(x)	(x)		
i i i i i i i i i i i i i i i i i i i		Erlotinib	x				()	(x)		
		Sunitinib	x					(,		
		Sorafenib	x							
		Rituximab		x			1			
		Trastuzumab			x		1			
		Alemtuzumab	х				1			
	Mater	Cetuximab		x			1			
	NOTE:	Bevacizumab			x		1			
	All dospe of drugs may be	o roducod if	cido	offoo	te oco	ur				
	All ubses of ulugs may be		Side	enec	15 000	ui.				
	Only Temozolomide (and	maybe cetu	ixima	b) m	av be	incre	eased	in th	е	
				~,	~, 00				•	
	absense of side effects (a	according to	the la	abel)						
	(	3		- /						





















































































