TOSCA - checklist For TMS3-WORKSTATION users

How to take a topographical map of the patient

- Press "new patient" and enter patient data
- Press ,,do exam" and tell the patient to look after the green cross
- Press "mires ok"
- Compare with former picture or do three new ones to assure reliability of eye map
- Print picture with pupil. It will help you later while patient centration on the MEL70

How to send the picturedata to TOSCA

- Press "utilities" and select "data tables"
- Double click the exam and press ,,ok"
- Check the settings with page 1 and press ,,create tables"

Data Tables						
Data Type		Rows	Foi	rmat Separa	ator	
Ring	Radius 🗹	⊂ Angle ⊙ I	Ring 3	. 4 🖨 🔿 None	 Tab Custo 	m: ,
Diopter	IF Height	Sample Adriaansen, Gert PatientId= Exam=3 Eue=0S				
Iroc Iroc	Power					
🔽 Stats	Pupil					
~ .		Ring 1: 4	1.4510	41.4510	41.4510	4
Stats		Ring 2: 4	1.4510 1.4510	41.4510 41.4510	41.4510 41.4510	4 1
On Separat E Field Name		King 3: 4	1 510	TI. TJI0	11.4310	
Field Name	·5				2	•
Output Dire	ctory		ata Tables)	s To Be Createc		
C:\tosca\tomey			C:\tosca\tomey\RNG16103.DAT C:\tosca\tomey\RAD16103.DAT			
⊖ C:\		c	\tosca\tome	≥y\DIO16103.DAT		
tosca 🗁 tomey			:\tosca\tome :\tosca\tome	≥y\HIT16103.DAT ≥v\ROC16103.DAT		
			C:\tosca\tomey\POW16103.DAT			
			C:\tosca\tomey\STA16103.DAT C:\tosca\tomey\PUP16103.DAT			
		c	:\tosca\tome	ey\XREF16103.DAT		
≡ c: []		•				(F)
Create Dire	octory		Crooto T	ablee		
Create Dire	ectory		Create Ta	ables	K TOM	EY 22

How to Start working with TOSCA

- Switch to TOSCA by pressing "Alt-Tab"
- A ZIP-disk must be in the Workstation
- Press the "OPEN"-button
- Select the patient out of the list
- Press "open" to load the patient data into the laser



• Press "patient" to check the patient name



How to create an ablation program

- Open "refract" and add the actual refraction of the patient
- Press "apply" to see the change in the elevation picture



- Press "shaping" to see the ablation forecast and create the ablation program
- Open ,,data" to check the depth of the ablation



How to influence the treatment depth

• If you are not satisfied with the depth, open "TMS, to make it more or less deep (always press "apply" and "shaping" to see the new picture)



• !! pay attention - if you change the depth you also change the size of the treatment area



How to get the TOSCA-data into the MEL70

• Take the ZIP-disk from the Workstation and put it into the ZIP-drive installed on the MEL70 (ZIP-drive must be on before starting the MEL70)

How to run the MEL70 in topographical mode

- Press the "topographical treatment" button and select the patient from the list
- Proceed fluence test and treatment as usual
- Pay attention for the centration. If the topo picture was decentered you need to decenter in the same way. Use the TMS3 outprint with pupil