

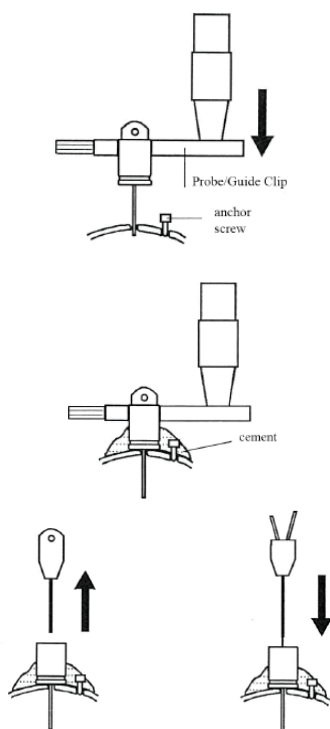
## Probe Guides (CMA 7, CMA 8, CMA 11, and CMA 12) User's Manual



### TECHNICAL INFORMATION

Membrane	CMA 7	CMA 8	CMA 11	CMA 12
Shaft length (mm)	5	5	10.3	10.3
Shaft OD (mm)	0.58	0.63	0.58	0.86
Shaft Material	Polyamide (PA)	Polyimide (PI)	Polyamide (PA)	Polyurethane (PUR)
Dummy pin Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Dummy pin Metal Free Material	Polyimide (PI)	N/A	Polyimide (PI)	PEEK

*The guide cannula is coated with silicon on the inside to prevent the sticking of a dummy or a probe.*



### Instructions for the CMA 7, CMA 8, CMA 11, and CMA 12 Guide Cannula

1. Mount the guide in the clip and fix the clip to the Connecting Rod.
2. Attach the assembly to the micromanipulator of the stereotaxic frame (If necessary, the plastic cannula and the steel dummy may be cut to the desired length).
- 3.\* Drill a hole where the guide is to be implanted and small holes for the anchor screws. Screw the anchor screws in place.
4. Lower the cannula of the guide slowly to the desired depth. To calculate implantation depth for intact guides, subtract the probe membrane length from desired depth for the probe.
5. The cement around the anchor screws and the guide.
6. Release the clip and if necessary, suture the skin. Fix the collar around the animal's neck.
7. The dummy is removed before inserting the Microdialysis Probe.
8. If used in the CMA 120 System for Freely Moving Animals, see more detailed instructions in the CMA 120 System manual.

*\* In most cases you can secure the CMA 7 and CMA 8 Guide without using Anchor Screws. We recommend dental cement for securing the guide.*

*These instructions can also be applied to the custom-made CMA 7, CMA 8, CMA 11, and CMA 12 probes guides.*

ORDER INFORMATION	Ref No.
CMA 7 Guide Cannula, 3/pkg	CMA P000137
CMA 8 Guide Cannula, 3/pkg	CMA 8012310
CMA 11 Guide Cannula, 3/pkg	CMA 8309017
CMA 12 Guide Cannula, 3/pkg	CMA 8309024
CMA 7 Guide Cannula $\beta$ -irradiated 3/pkg	CMA 8010683
CMA 11 Guide Cannula $\beta$ -irradiated 3/pkg	CMA 8011031
CMA 7 Guide Metal Free 3/pkg	CMA 8010773
CMA 11 Guide Metal Free 3/pkg	CMA 8011085
CMA 12 Guide Metal Free 3/pkg	CMA 8011205
Anchor Screw Drill Bits 3/pkg	CMA 8003264
Anchor Screws 100/pkg	CMA 7431021
Screw Driver	CMA 8309673



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