Overview of recent publication on biological and migrational characteristics of transponders implanted into 15 beagle dogs

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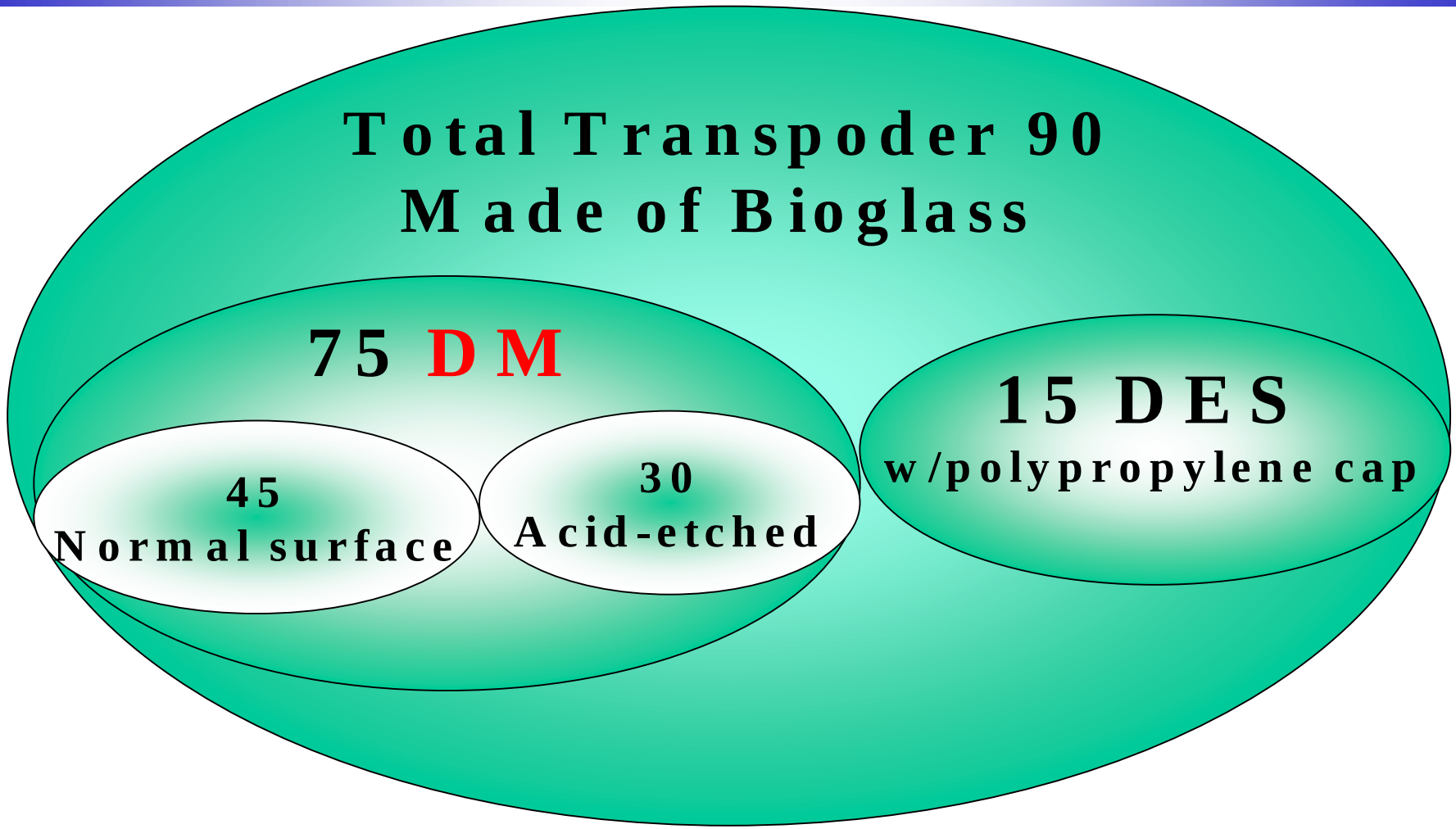
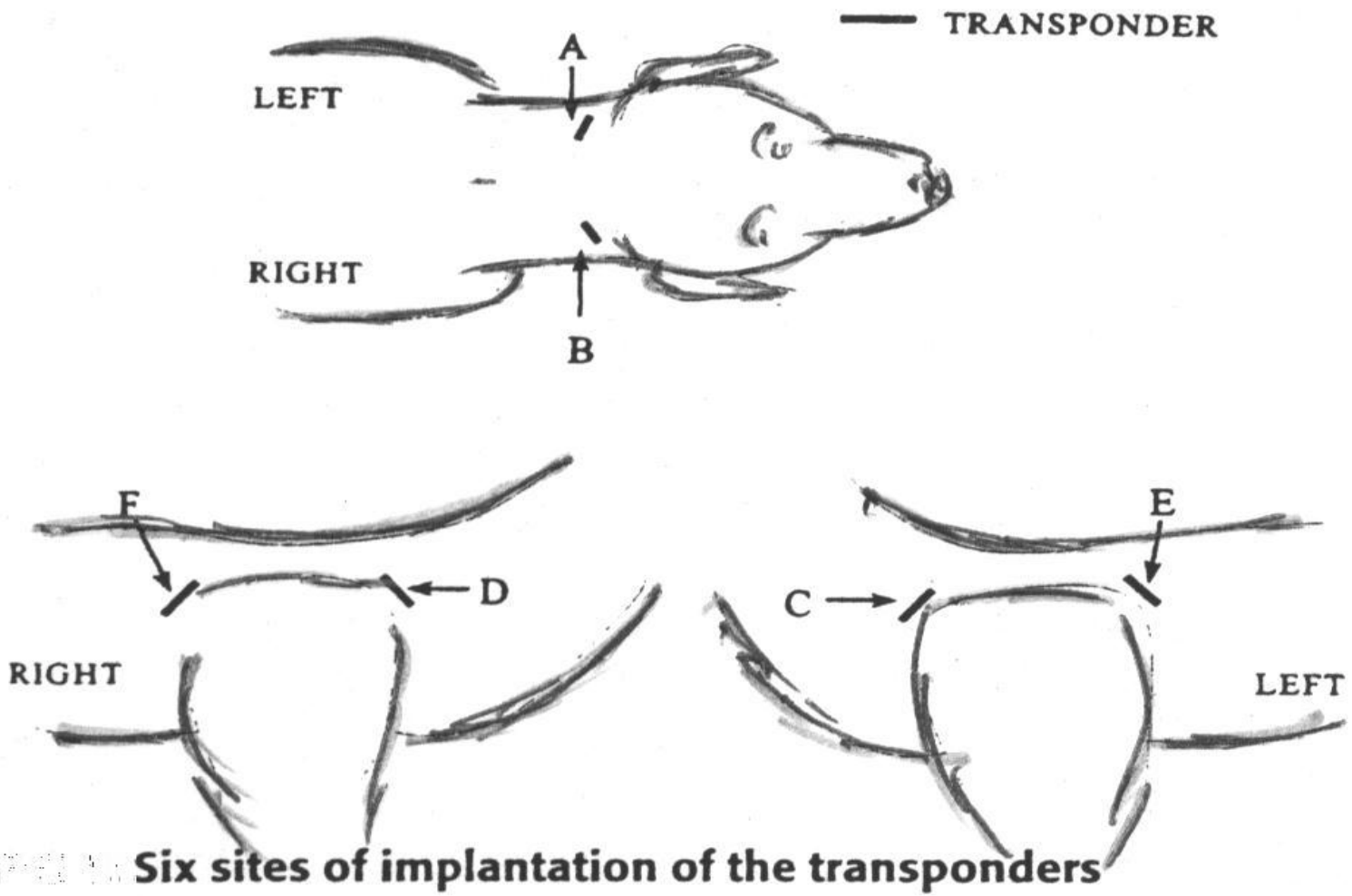
Type of Transponders

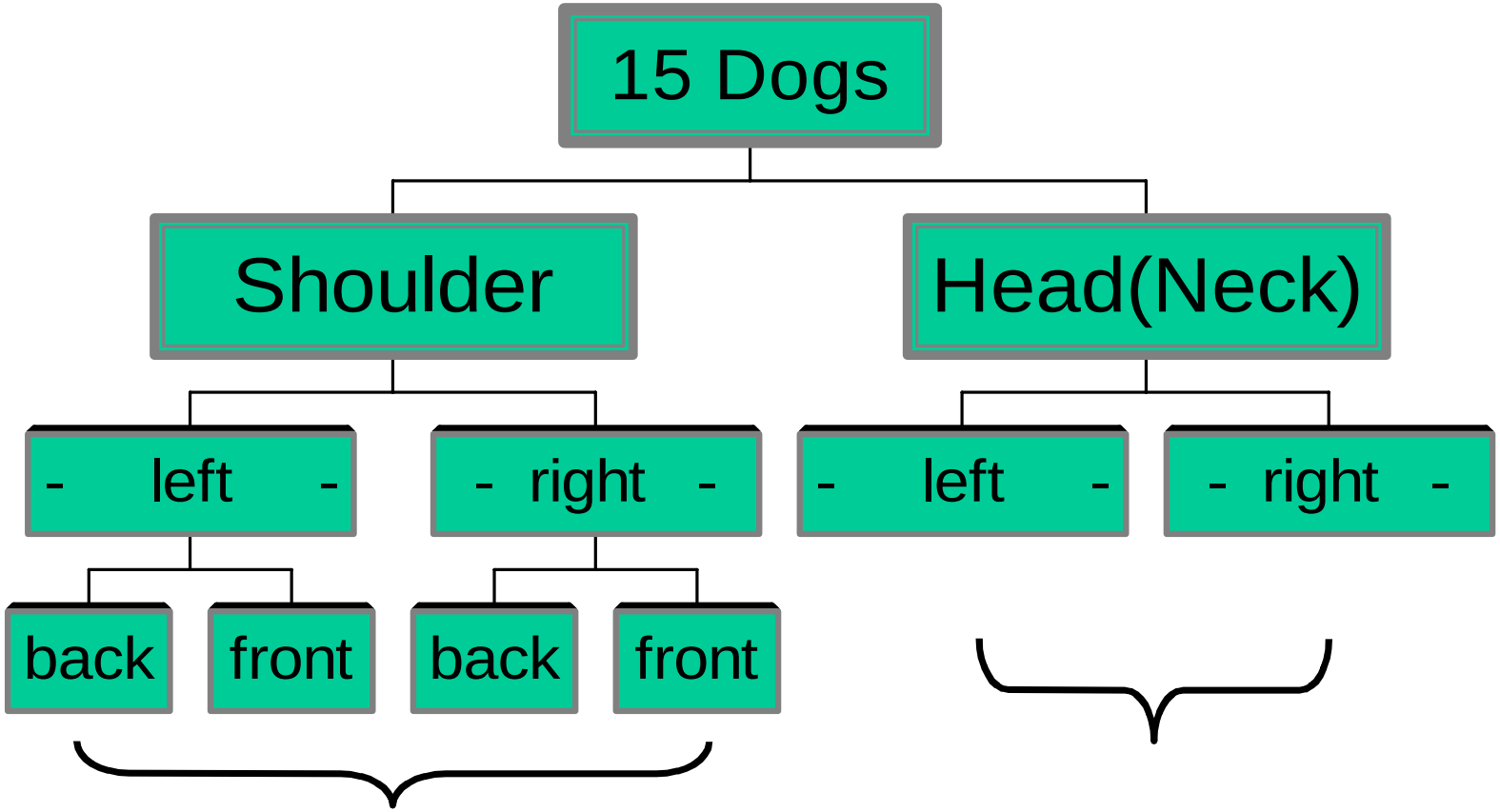




Six sites of implantation of the transponders

Migration

Migration	Head behind ear		Shoulder Front		Shoulder Behind		TOTAL
	A	B	C	D	E	F	
>1cm	2	5	6	8	12	11	44
	13%	33%	40%	53%	80%	73%	48%
>2cm	0	0	5	8	12	11	36
	0%	0%	33%	53%	80%	73%	N/A



50% Migration NONE

Most effective way to hinder migration is to implant the transponder latero-dorsal of the first vertebra

Other Results Summary

- **No difference in migration between the the various types of transponders**
- **Less scar tissue or necrosis on transponder w/o polypropylene-caps**
- **Thin fibrous capsule**
- **No sign of gross inflammatory reaction**

= material highly compatible