Final Report: an Evaluation of Medical Grade Silicone Elastomer Biodurability Using Sub-pannicular Pockets in the Rabbit Model

VI. CONCLUSION

The silicone elastomers

physical properties tested over 104 weeks implanted in New Zealand white rabbit and controls revealed no degradation of mechanical properties. There was a small increase in stiffness over time noted for all of the elastomers evaluated but not enough to be a factor in the performance of silicone elastomer implants. The silicone elastomers evaluated in this study exhibit a high degree of biodurability.

VII. REFERENCES

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