

Materials List for:

# Implantation of an Isoproterenol Mini-Pump to Induce Heart Failure in Mice

Shuxun Ren<sup>1</sup>, Sunny Chang<sup>2</sup>, Alex Tran<sup>3</sup>, Arianna Mandelli<sup>4</sup>, Kazuhiro Omi<sup>2</sup>, Jessica J. Wang<sup>2</sup>, Yibin Wang<sup>1</sup>

<sup>1</sup>Department of Anesthesiology, University of California

<sup>2</sup>Department of Medicine, University of California

<sup>3</sup>Department of Microbiology, Immunology & Molecular Genetics, University of California

<sup>4</sup>Department of Molecular, Cell, and Developmental Biology, University of California

Correspondence to: Jessica J. Wang at [JessicaWang@mednet.ucla.edu](mailto:JessicaWang@mednet.ucla.edu)

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## Materials

| Name                                                     | Company       | Catalog Number | Comments                                                                      |
|----------------------------------------------------------|---------------|----------------|-------------------------------------------------------------------------------|
| Micro-Osmotic Pump System with Flow Moderator in Place   | Alzet         | Model 1004     | Includes filling tube, flow moderator and pump body                           |
| (-)-Isoproterenol hydrochloride                          | Sigma-Aldrich | 16504-1G       | (-)-Isoproterenol hydrochloride is a powder that needs to be stored at -20°C. |
| 1 ml sterile syringe                                     | VWR           | BD309602       |                                                                               |
| 30 W LED Fiber optic O-ring light microscope illuminator | AmScope       | SKU: LED-30WR  |                                                                               |
| 5-0 COATED VICRYL (polyglactin 910) Suture               | Ethicon       | J303H          | 5-0, absorbable                                                               |
| Fine Scissors - Sharp                                    | FST           | 14060-09       |                                                                               |
| Glass beads                                              | FST           | 18000-46       |                                                                               |
| Hot bead sterilizers                                     | FST           | 18000-50       |                                                                               |
| Iris forceps                                             | WPI           | 15915          |                                                                               |
| Look Sharpoint 6-0, 18" Black Nylon Monofilament Suture  | LOOK          | AA-2176        | 6-0, non-absorbable                                                           |
| Needle holder                                            | WPI           | 15926          |                                                                               |
| Normal Saline, 0.9% NaCl                                 | Fisher        | 89167-772      |                                                                               |