Contents, Vol. 16, No. 1-3, 1970

Contents
List of Participants 1
Swyer, P. R. (Toronto): Methods of Artificial Ventilation in the Newborn (IPPV) 3
Martin-Bouyer, G. (Paris): Positive-Pressure Respirators, and Description of the French Machine RPR 16
Stern, L. (Montreal): Description and Utilization of the Negative Pressure Apparatus 24
Discussion (Chairman: Dr. Strang) 30
Senterre, J. and Geubelle, F. (Liège): Measurement of Endoesophageal Pressure in the Newborns 47
Stahlman, M. (Nashville, Tenn.): Circulatory Studies in Clinical Hyaline Membrane Disease 54
Discussion (Chairman: Dr. Swyer) 57
Cooke, R. (Observatory, Cape, South Africa): Practical Problems Associated with Artificial Ventilation in the Newborn Infant 60
Discussion (Chairman: Dr. Stahlman) 85
Gruber, H. S. and Klaus, M. H. (Cleveland, O.): Another to Assisted Ventilation in the Treatment of Hyaline Membrane Disease (HMD) 87
Swyer, P. R. (Toronto): Patient Monitoring during Artificial Ventilation 88
Stern, L. (Montreal): Temperature Control, Hydration and Feeding, Bilirubin and Calcium Metabolism 92
Stahlman, M. (Nashville, Tenn.): The Relation of Disseminated Intravascular Coagulation to Hyaline Membrane Disease 117
Discussion (Chairman: Dr. Räihä) 119
Stahlman, M. (Nashville, Tenn.): Long Time Results of Respirator Therapy . . 133
Discussion (Chairman: Dr. Stern) 138
Strang, L.B. (London): Clinical Indications for Mechanical Ventilation in Newborn Infants 142

IV
Contents
Swyer, P.R. (Toronto): Results of Artificial Ventilation. Experience at the
Hospital for Sick Children, Toronto 148
Stern, L. (Montreal): Results of Artificial Ventilation in the Newborn 155
Martin-Bouyer, G.; Monset-Couchard, M.; Bomsel, F.; Larroche, J.Cl.; Amiel-Tison, Cl. and
Minkowski, A. (Paris): Artificial Ventilation in
Hyaline Membrane Disease. Analysis of a Series (130 Cases) 164
Räihä, N. and Vapaavuori (Helsinki): Artificial Ventilation of the Very Small
Premature Infant with Respiratory Insufficiency 184
Discussion (Chairman: Dr. Geubelle) 187
Swyer, P. R. (Toronto): Summary of Conference Proceedings 191