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Evaluation Of Gastric Intramucosal pH During and After Cardiopulmonary Bypass

A Thesis Submitted For Partial Fulfillment Of M.D. Degree in
Anaesthesiology

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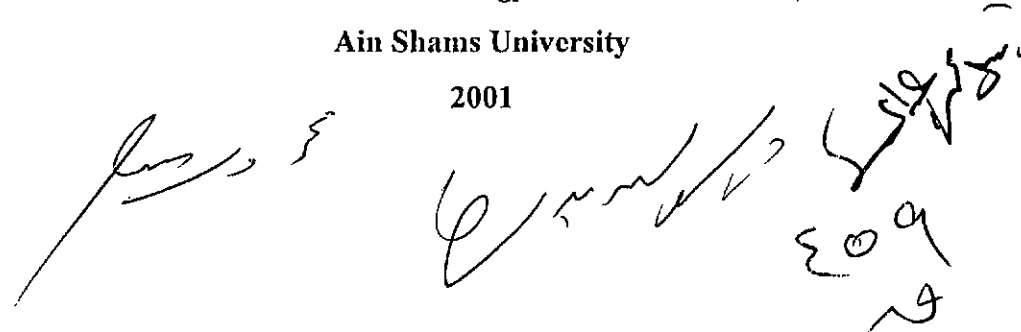
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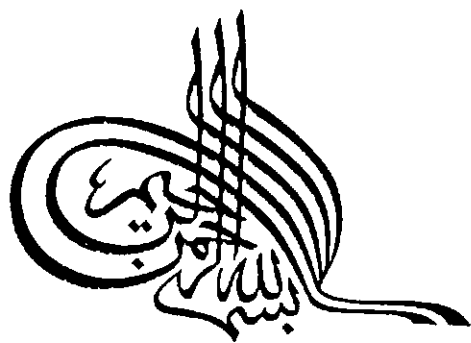
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The bottom of the page features three handwritten signatures. The signature on the left is a simple, stylized line. The middle signature is more complex, with a large loop. The signature on the right is also complex, with a large loop and a checkmark. Below the right signature, the date '2009' is written in Arabic numerals, followed by a small mark.



قالوا سبحانك لا علم لنا

إلا ما علمتنا إنك أنت

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List Of Abbreviations

-AC	Aortic cross-clamping.
-ACT	Activated clotting time.
-ADP	Adenosine diphosphate.
-ALT	Alanine aminotransferase.
-AMP	Adenosine monophosphate.
-ATP	Adenosine triphosphate.
-BK	Bradykinin.
-BSA	Body surface area.
-C3a, C5a	Activated complement.
-CABG	Coronary Artery Bypass Graft.
-CaO₂	Arterial oxygen content.
-CI	Cardiac index.
-CO₂	Carbon dioxide.
-COP	Cardiac output.
-CPB	Cardiopulmonary Bypass.
-CvO₂	Mixed venous oxygen content.
-DO₂	Total-Body oxygen delivery.
-DO_{2crit}	DO ₂ below a critical value.
-FiO₂	The fraction of inspired oxygen.
-H⁺	Hydrogen ion.
-H₂O	Water molecule.
-Hb	Hemoglobin.
-HCO₃	Bicarbonate concentration.

-HMWK	High molecular weight kininogens.
-MAP	Mean arterial blood pressure.
-MODS	Multiple Organ Disease Syndrome.
-MOF	Multiple Organ Failure.
-MVR	Mitral Valve Replacement.
-NaCl	Sodium Chloride.
-O₂ER	Oxygen extraction ratio.
-PaO₂	Arterial oxygen tension.
-PAO₂	Alveolar oxygen tension.
-PAWP	Pulmonary Capillary Wedge Pressure.
-PCO₂	Partial pressure of carbon dioxide.
-PHim	Gastric intramucosal pH.
-PiCO₂	Intramucosal PCO ₂
-PO₂	Partial pressure of oxygen.
-PvO₂	Venous oxygen tension.
-Qt	Cardiac output.
-r	Correlation.
-ROM	Reactive oxygen metabolites.
-SaO₂	Arterial oxygen saturation.
-SO₂	Oxygen saturation.
-SvO₂	Mixed venous oxygen saturation.
-t-PA	Tissue plasminogen activator.
-u-PA	Urokinase plasminogen activator.
-VO₂	Total-Body oxygen consumption.