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**ABBREVIATIONS AND SYMBOLS**

$\alpha$  = Alpha

$\beta$  = Beta

$\gamma$  = Gamma

$\alpha$  adrenoceptor =  $\alpha$  adrenergic receptor

$\alpha_2$  adrenoceptor =  $\alpha_2$  adrenergic receptor

$\alpha$  agonist =  $\alpha$  adrenergic agonist

$\alpha_2$  agonist =  $\alpha_2$  adrenergic agonist

TIVA = Total intravenous anesthesia

PIVA = Partial intravenous anesthesia

G protein = Guanine nucleotide binding protein

GDP = Guanine diphosphate

GTP = Guanine triphosphate

cAMP = Cyclic adenosine monophosphate

5HT = 5-hydroxytryptamine

CNS = Central nervous system

AV block = Atrioventricular block

ADH = Antidiuretic hormone

MAC = Minimum alveolar concentration

HR = Heart rate

PR = Pulse rate

RR = Respiratory rate

MABP = Mean arterial blood pressure

CRT = Capillary refill time

BW = Body weight

CBC = Complete blood count

PCV = Packed cell volume

Hb = Hemoglobin

BUN = Blood urea nitrogen

Cr = Creatinine

AST = Aspartate aminotransferase

TP = Total protein

IV = Intravenous

IM = Intramuscular

S.D. = Standard deviation