Cardiac Pharmacology
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Across
1. PDE — Blocked by milrinone (abbrev)
4. VASOCONSTRICTION — Effect of high dose IV dopamine
6. POTASSIUM — Low serum levels increase digoxin cardiac ADRs
8. INCREASE — Possible effect of losartan on serum potassium
10. THIAZIDE — Main diuretic class to treat hypertension
14. PRAZOSIN — Lowers BP by blocking alpha-1-receptors
15. SPIRONOLACTONE — Blocks renal aldosterone receptors
17. TWO — Vasodilatory beta-receptor type
21. EPINEPHRINE — Main catecholamine released from the adrenal gland
22. LUSITROPY — Term for myocyte diastolic relaxation
23. ACE — Enzyme target of “-pril” drugs (abbrev)
25. BETABLOCKER — Blocks renin production by kidney
28. LABETALOL — Alpha-Beta Blocker for Hypertensive Crisis
Across
29. DIGOXIN — Blocks myocyte Na-K membrane pump
31. FOXGLOVE — Withering's plant

Down
2. DOBUTAMINE — Mainly a beta-1 stimulating inotrope
3. CLONIDINE — Antihypertensive which is CNS alpha-2-agonist
5. NITRATE — Drug class that lowers preload
7. NEPRILYSIN — Sacubitril block of this enzyme increases natriuretic peptide levels
9. NS — Increases preload (abbrev)
11. COUGH — Pulmonary side-effect from lisinopril
12. NITROPRUSSIDE — Vasodilator metabolized to cyanide
13. VASOPRESSIN — Non-adrenergic vasopressor
16. AFTERLOAD — Also known as systemic vascular resistance
18. EXTRAVASATION — Leads to tissue damage from IV drug
19. WHEEZING — Side effect from block of beta-2-receptors
20. CARVEDILOL — Both a Beta and Alpha blocker for CHF
24. ARB — Drug class of "sartan" drugs (abbrev)
26. CALCIUM — Ion channel blocked by nicardipine
27. STARLING — Stroke volume-ventricular filling pressure curve: Frank-
30. DECREASE — Effect of enalapril on aldosterone production