

- Reciprocal inhibition, 814
 action of strychnine on, 819
 Reciprocal innervation of blood vessels, 211, 814
 Red blood corpuscles, origin of, 92
 Reduction of blood, 387
 Referred pain, 885
 Reflex, conditioned, 431
 unconditioned, 431
 Reflex arc, 784
 after effect, 810
 grading of intensity, 809
 irreversibility of conduction, 810
 latent period, 809
 oxygen deprivation, 813
 properties of, 13, 29, 49
 refractory period, 814
 summation, 810
 Reflex conduction, resistance of, 813
 Reflexes:
 allied, simultaneous integration of, 823
 antagonistic, 824
 axon, 797
 Babinski, 807
 conditioned, 856
 cremasteric, 856
 crossed extension, 804
 extensor thrust, 805
 fatigue of, 825
 flexion, 804, 824
 integration of allied, 821
 interaction between, 821
 irradiation of, 826
 mark time, 806
 myotonic, 796
 nature of, 825
 nociceptive, 825
 postural, 826
 unconditioned, 431, 856
 Refractive index, blood, 88
 Refractory period, 811
 Refractometric methods, 88
 Regeneration of erythrocytes, 93
 Regulation of neutrality, 36
 Regurgitation of gastric contents, 449
 Reichart Meissl value of fats, 688
 Reinforcement of knee jerk, 829
 Renal diabetes, 661
 Renal function, theories of, 511
 Rennin, 488
 Reserve alkalinity, measurements of, indirect methods, 42, 46
 measurement of, titration methods, 41
 Residual air, 309, 311
 Respiration:
 abdominal, 397
 beyond the lungs, 378
 during muscular exercise, 419
 in compressed air, 402
 in rarefied air, 399
 mechanics of, 399
 movements of diaphragm in, 321
 movements of ribs in, 349
 Respiration calorimeter, 536
 Respiratory center, 327
 afferent impulses to, 331, 332
 automaticity of, 329
 hormone control of, 335, 349
 reflex control of, 334
 sensitivity to alveolar CO_2 , 357
 stimulation by CO_2 , 352
 subsidiary, 328
 Respiratory changes in muscular exercise, 410
 Respiratory exchange:
 according to body weight, 550
 and body temperature, 551
 clinical method for determining, 554
 in diabetes, 678
 and muscular exercise, 551
 and temperature of environment, 551
 in tissues, 393, 397
 Respiratory hormone, nature of, 349
 Respiratory movements, 345
 Respiratory passages, pressure of air in, 299
 Respiratory quotient, 545
 in diabetes, 678
 influence of diet on, 547
 influence of metabolism on, 549
 influence of muscular activity on, 570
 Respiratory tracings, 393
 Respiratory valves, Pearce's, 554
 Reticulated erythroblasts, 93
 Reversible action of enzymes, 25
 Ribs, movements of, 345
 musculature of, 349
 undulatory movements of, 347
 Right lateral connection, heart, 185
 Rigidity, decerebrate, 808
 Rolandic fissure, 855
 Roots, 787
 anterior, 787, 835
 posterior, 787, 836
 Rhythmic segmentation, 464

- Sacral outflow, 882
 Salicylates, 648, 657
 Saline injection, effect on blood pressure, 139
 Saliva, control of secretion, nervous, 423
 psychic, 431, 856
 normal secretion, 431
 Salt, dietetic value, 586
 Salted blood, 190
 Salting of proteins, 60
 Saponification, 687
 Sarcosine, 623
 Saturation limits, 652, 654
 Scratch reflex, 805, 821
 Senryx, 585
 Sea anemone, nervous system of, 783
 Second wind, 415
 Secretory fibers, varieties of, 424