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## CHEYNE-STOKES RESPIRATION AND RENAL CALCULUS.

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Mrs. G., aged 46 years, stout habit of body, and mother of six living children. Never had gout or rheumatism. No history of consumption in family. Neither neurotic herself nor has a neurotic ancestry or relatives. She had never experienced any difficulty in micturition till about five years ago, when she noticed there were voided a few small concretions, composed of uric acid, and attended by a moderate degree of renal colic, which subsided shortly after the escape of the calculi. For the past few years she has been subject to occasional pains in the lumbar region, but at considerable intervals. Complains at times of frontal headache. No cardiac palpitation or chest trouble, the functions of heart and lungs being normal. In May 1886, was seized suddenly with great difficulty in her breathing, almost approaching suffocation, the respiration, at first deep sighing and frequent at times, afterwards becoming slow and oppressive, with a sense of inability to fully expand the chest. Frequent yawning was also observed; the facial expression was pale, memic, and This condition continued more or less for fully two anxious. hours (the most acute stage occupying about half an hour), subjected to the most vigorous measures for relief, and gradually subsided, leaving no unfavorable symptom, except a feeling of depression, and uneasiness fearing a recurrence of the attack. Throughout, the respiratory movements were lessened, doubtless the result of lowered activity in the respiratory centre. Occasionally the shallowness and infrequency of breathing assumed rhythmical variations of intensity, associated with the usually well defined periods, alternating by ar increase and decrease of