Dyspnea caused by ademetionine 1,4-butanedisulfonate

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ABSTRACT A 54-year-old man with hepatitis B and posthepatic cirrhosis was administered with an IV infusion of ademetionine 1,4-butanedisulfonate 1 000 mg dissolved in 250 ml of glucose 5% for hyperbilirubinemia. Five minutes later, the man developed chest distress, short breath, dyspnea, cyanosis of lips, and bilateral wheezing. He had a body temperature of 37.0 °C, a respiratory rate of 30 breaths/min, a heart rate of 120 beats/min, and a BP of 125/82 mmHg. Ademetionine 1,4-butanedisulfonate-induced anaphylactic reaction was suspected. The medication was withdrawn immediately. His condition improved after nasal oxygen supplementation and adrenaline administration. Author comment: anaphylaxis induced by ademetionine 1,4-butanedisulfonate is uncommon, and care should be taken in clinical use of the drug.

KEY WORDS ademetionine 1,4-butanedisulfonate; dyspnea; anaphylaxis; adverse reaction