1. Discussion

Pulmonary contusion by sports is reported to be by skier-tree collisions, diving platform, fall from horse during polo game and tackle injury during rugby game3-8. The skier-tree collisions, diving platform and fall from horse during polo were high energy accident created by gravity or horsepower so that pulmonary contusion actually might not be very rare. While, rugby injury was contact injury by human power so that frequency was rare and severity of pulmonary contusion was mild, similar to our case. While, there has been no report which exhibited asthma was risk factor of occurrence of pulmonary contusion. This case belonged to semi-professional soccer team with high kick energy in comparison with amateur, and this case received soccer ball on the chest with point-blank range so that extremely rare pulmonary contusion might occur. Conservative therapy resulted in favorable outcome for isolated pulmonary lesions by weak energy sports accident. As a transient malfunction of the blood-gas barrier in the alveoli induced by blunt trauma might lead to the generation of lung edema and such lesions resolved soon so that the present case might be lung edema.

4. Conclusion

We herein report the first case of lung lesions induced by soccer ball. Only observation results in favorable outcome.