

Table 12. Reported side effects

Study, year	Reported side effects (number of patients)
Oscarsson et al, 2013 ^[14]	No side effects
Glover et al, 2016 ^[15]	<p>Eye refractive change including myopia (n=19)</p> <p>Increased fatigue or tiredness (n=5)</p> <p>Ear pain or barotrauma (n=21)</p> <p>Tonsillitis grade 3 (n=1)</p> <p>Recurrent cancer of the vulva grade 4 (n=1)</p> <p>Malignant spinal cord compression grade 3 (n=1)</p> <p>Malignant paraortic lymph node involvement grade 3 (n=1)</p> <p>Recurrence of vomiting and dehydration grade 3 (n=1)</p> <p>Diarrhoea and fever associated with campylobacter infection grade 3 (n=1)</p> <p>Recurrence of abdominal pain, bloating, diarrhea, urinary tract infection grade 3 (n=1)</p> <p>Aneurysma grade 4 (n=1)</p>
Oscarsson et al, 2019 ^[16]	<p>Temporary pain in the ear (n=6)</p> <p>Barotrauma (n=4)</p> <p>Paracentesis of the tympanic membrane (n=1)</p> <p>Hyperoxia-induced transient myopia with changes in vision (n=5)</p> <p>Induced transient myopia (n=1)</p> <p>Panic attack related to pre-existing claustrophobia (n=1)</p> <p>Fatigue grade 1 (n=1)</p> <p>Infections grade 1 and grade 3 (n=7)</p> <p>Transient muscle cramps or pain grade 1 (n=5)</p> <p>Haematuria grade 1 and grade 3 (n=3)</p> <p>Diarrhoea grade 1 (n=2)</p> <p>Nausea grade 1 (n=1)</p> <p>Headache grade 1 (n=1)</p> <p>Death due to sepsis and cardiac failure unrelated to the study (n=1)</p>
Oliai et al, 2012 ^[17]	Middle ear equilization changes manifesting as otalgia (n= 5)

Sidik et al, 2007 ^[18]	NR
Clarke et al, 2008 ^[19]	<p>Ear pain or discomfort (n=11)</p> <p>Tympanic membrane changes consistent with barotrauma (n=7)</p> <p>Tympanic membrane injury and middle ear effusion (n=1)</p> <p>Sinus barotrauma (n=1)</p> <p>Transient myopia (n=4)</p> <p>Confinement anxiety (n=2)</p>
Parra et al, 2011 ^[20]	Barotraumatic otitis (n=2)
Rud et al, 2009 ^[21]	NR
Safra et al, 2008 ^[22]	No side effects
Jones et al, 2006 ^[23]	<p>Minor otic barotrauma (n=4)</p> <p>Respiratory compromise (n=1)</p>
Williams et al, 1992 ^[24]	Ruptured tympanum (n=1)
Feldmeier et al, 1996 ^[25]	<p>Persistent tumor and subsequently death (n=1)</p> <p>Gastrointestinal bleed and cardiac deterioration (n=1)</p> <p>Progressive necrosis of many pelvic viscera and died of complications secondary to radiation injury (n=1)</p>
Al-ali et al, 2010 ^[26]	No side effects
Bui et al, 2004 ^[27]	<p>Hearing (n=10): hearing difficulties to ear pain and one had serious effusion in one ear</p> <p>Vision (n=3): one short-lived lens swelling and two accelerated cataract formation</p> <p>Epistaxis (n=1)</p>
Andren et al, 2020 ^[28]	<p>Ear pain (n=11)</p> <p>Barotrauma (n=2)</p> <p>Myopia (n=4)</p>
Ngoo et al, 2018 ^[29]	Barotrauma (n=2)
Lin et al, 2017 ^[30]	No side effects
Ribeiro de Oliveira et al, 2015 ^[31]	Mild middle ear barotrauma (n=3)
Mougin et al, 2016 ^[32]	<p>Barotitis media (n=9)</p> <p>Vision disorder (n=5)</p> <p>Finger paresthesia (n=1)</p>

	Pain during mobilization (n=1) Discontinuation for adverse events (n=2)
Ferreira et al, 2014 ^[33]	Barotraumatic otitis (n=3)
Fink et al, 2006 ^[34]	Oxygen-toxic seizure (n=1) Temporarily ear equilization problems or mild barotrauma (n=2)

NR= not reported