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Lippincott Williams & Wilkins Wiley Amer Thoracic Soc	12	Current and emerging therapy for primary pulmonary hypertension Pass. SE and Dusing, ML	11 Citations
Wiley ☐ Amer Thoracic Soc	TZ	Fass, St. and <u>Justing</u> , ML Sep <mark>2002 ANNALS OF PHARMACOTHERAPY</mark> 36 (9) , pp.1414-1423	58
Amer Thoracic Soc	7	OBJECTIVE: To review the epidemiology, pathophysiology, clinical symptoms, and diagnostic workup of primary pulmonary	References
_	7	hypertension (PPH) and to discuss the available data on the current and emerging therapies being used to treat this disorder. DATA SOURCES: Primary and review articles were identified with a MEDLINE search (1966-December: Show more	
	4	Full Text at Publisher ***	Related records
Amer Coll Chest Physicians	3		
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Funding Agencies	^ 9	Sandifer, BL; Brigham, KL; (); Parker, RE	18 Citations
•		Dec 2005 <u>JOURNAL OF APPLIED PHYSIOLOGY</u> 99 (6) , pp.2363-2368	31
Open Access	^	Inhaled vasodilator therapy for pulmonary hypertension may decrease the systemic side effects commonly observed with systemic administration. Inhaled medications only reach ventilated areas of the lung, so local vasodilation may improve ventilation-perfusion matching and oxygenation. We compared the effects of intravenous vs. aerosol	

□ 17	Transitioning from IV epoprostenol to subcutaneous treprostinil in pulmonary arterial hypertension Vachiery, U.; Hill. N; (); Naeije, R		
	May 2002 CHEST 121 (5), pp.1561-1565 Objective: Continuous IV epoprostenol (prostacyclin) therapy improves survival and quality of life in patients with pulmonary arterial hypertension (PAH). IV epoprostenol therapy may be limited by serious complications related to the need for an implanted central venous catheter, and its chemical instability and short half-life. Treprostinij is a lon Show more	16 References	
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□ 18	Treprostinii therapy for pulmonary artery hypertension	10	
	<u>Hom, EM</u> and <u>Barst, RJ</u> Nov <mark>2002 EXPERT OPINION ON INVESTIGATIONAL DRUGS</mark> 11 (11) , pp.1615-1622	Citations	
	Pulmonary artery hypertension is a life-threatening disease characterised by a pulmonary vasculopathy and progressive right ventricular failure. Major advances were made with the development of continuous intravenous epoprostenol (Flolan(TMI)) as a treatment modality. Nevertheless, it is far from ideal as treatment for this disease. Subcutaneous trej Show more	23 References	
	Full Text at Publisher ***	Related records	
1 9	Absolute bioavailability and pharmacokinetics of treprostinil sodium administered by acute subcutaneous infusion	39 Citations	
	Wade, M; Baker, EJ; (); Lai, AA	12	
	Jan 2004 <u>JOURNAL OF CLINICAL PHARMACOLOGY</u> 44 (1), pp.83-88 The objective of this study was to evaluate the absolute bioavailability and acute pharmacokinetics of <u>treprostinil</u> sodium administered by continuous, short-term subcutaneous infusion in normal subjects. Fifteen healthy volunteers received <u>treprostinil</u> via an intravenous infusion at 15 ng/kg/min over 150 minutes, followed by a 5- to 7-day v <u>Show more</u>	References	
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☐ 20	Effect of continuous subcutaneous treprostinil therapy on the pharmacodynamics and	16	
	pharmacokinetics of warfarin	Citations	
	Wade, M; Hunt, TL, and Lai, AA Jun 2003 JOURNAL OF CARDIOVASCULAR PHARMACOLOGY 41 (6), pp.908-915	22	
	Treprostinil sodium was recently approved in the United States for continuous subcutaneous infusion in the treatment of pulmonary arterial hypertension (PAH). Anticoagulation with warfarin is recommended in PAH therapy. Given the likelihood for treprostinil and warfarin coadministration, a single-blind, controlled, crossover study was conducted Show more	References	
	Full Text at Publisher ***	Related records	
<u> </u>	Pharmacokinetics of treprostinil sodium administered by 28-day chronic continuous	31	
	subcutaneous infusion	Citations	
	Wade, M; Baker, EJ; (); <u>Lai</u> , <u>AA</u> May 2004 <u>JOURNAL OF CLINICAL PHARMACOLOGY</u> 44 (5) , pp.503-509	17 References	
	The objective of this study was to assess the pharmacokinetics and safety of treprostinil sodium administered as a 28-day continuous subcutaneous infusion at escalating infusion rates of 2.5 to 15 ng/kg/min in normal subjects. Fourteen healthy adult volunteers received a 28-day continuous subcutaneous infusion of treprostinil at escalating infi Show more		
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<u>22</u>	Stability and preservative effectiveness of treprostinil sodium after dilution in common	15	
	intravenous diluents Phares, KR; Weiser, WE; (); Wade, M	Citations	
	May 1 2003 AMERICAN JOURNAL OF HEALTH-SYSTEM PHARMACY 60 (9), pp.916-922	8 References	
	The stability of treprostinil sodium after dilution in three common i.v. infusion vehicles was assessed. The chemical stability of treprostinil sodium was tested over a 48-hour period at 40 degreesC and 75% relative humidity after dilution in each of three diluents: sterile water for injection, 0.9% sodium chloride injection, and 5% : Show more		
	Full Text at Publisher ***	Related records	
23	Prostacyclin for pulmonary hypertension in adults	78	
≜	Paramothayan, NS: Lasserson, TJ: (); Walters, EH 2005 COCHRANE DATABASE OF SYSTEMATIC REVIEWS (2)	Citations	
_	Background Primary pulmonary hypertension (PPH) is progressive, resulting in right ventricular failure. Pulmonary hypertension can be idiopathic or associated with other conditions. Prostacyclin is a potent vasodilator and inhibitor of platelet aggregation, and can be given orally, subcutaneously, intravenously or inhaled via a nebulise Show more	98 References	
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<u>24</u>	Treprostinil (Remodulin (TM)) in connective tissue disease-associated pulmonary hypertension.		
	<u>Oudiz, RJ. Schilz, RJ. (); Jeffs, RA</u> Dec <u>2001</u> [ARTHRITIS AND RHEUMATISM 44 (12), pp.2946-2946		
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<u>25</u>	Prostacyclin and its analogues in the treatment of pulmonary hypertension	90	
B	Olschewski, H; Rose, F; (); Seeger, W May 2004 PHARMACOLOGY & THERAPEUTICS 102 (2), pp.139-153	Citations	
	Prostacyclin and its analogues (prostancids) are potent vasodilators and possess antithrombotic and antiproliferative properties. All of these properties help to antagonize the pathological changes that take place in the	141 References	

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		Related records
□ 26	Transition from epoprostenol and treprostinil to the oral endothelin receptor antagonist bosentan in patients with pulmonary hypertension	37 Citations
	<u>Suleman, N</u> and <u>Frost, AE</u> 99th International Conference of the American-Thoracic-Society	13
	Sep 2004 [CHEST_126 (3), pp.808-815 Study objectives: Prior to the availability of the oral endothelin antagonist bosentan, most patients with pulmonary arterial hypertension (PAH) were treated with continuously infused prostacyclins. Many patients receiving prostacyclins would have received bosentan if it had been available at the time of their diagnosis. Noninvasive criteria (sympto Show more	References
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27	Advances in the treatment of secondary pulmonary hypertension Maloney, JP	24 Citations
	Awar 2003 CURRENT OPINION IN PULMONARY MEDICINE 9 (2), pp.139-143 Pulmonary hypertension (PH) occurs frequently in parenchymal lung disease and is usually correlated with increased mortality. Thus, the treatment of PH in patients with lung disease has been an active area of interest. Secondary pulmonary hypertension (SPH), whether from parenchymal lung disease or other etiologies, is more common th Show more	17 References
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_	Overview of treprostinil sodium for the treatment of pulmonary arterial hypertension	8 Citations
	<u>Budev, MM; Minai, OA and Arroliga, AC</u> Mar <u>2004</u> <u>DRUGS OF TODAY</u> 40 (3) , pp.225-234	45
	Pulmonary arterial hypertension is a life-threatening disorder that refers to a group of diseases characterized by an abnormal elevation of the blood pressure within the pulmonary circulation due to a vasculopathy of the pulmonary microcirculation (1). If left untreated, the overall prognosis of pulmonary arterial hypertension is poor, with a 5-year surviv Show more	References
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2 9	Role of prostacyclin versus peroxisome proliferator-activated receptor beta receptors in prostacyclin sensing by lung fibroblasts	70 Citations
	Ali, EY: Egan, K; (); Mitchell, JA Ali, EY: Egan, K; (); Mitchell, JA Feb 2006 AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY 34 (2), pp.242-246	20
	Prostacyclin and its mimetics are used therapeutically for the treatment of pulmonary hypertension. These drugs act via cell surface prostacyclin receptors (IP receptors); however, some of them can also activate the nuclear receptor peroxisome proliferator-activated receptor beta (PPAR beta). We examined the possibility that PPAR beta is a ther Show more	References
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30	Inhaled treprostinii sodium (TRE) for the treatment of pulmonary hypertension	
	<u>Voswinckel .R. Enke. B.</u> () <u>Olschewski. H</u> 77th Scientific Meeting of the American-Heart-Association Oct 26 <u>2004</u> <u>CIRCULATION</u> 110 (17), pp.236-295	0
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31	Combining treprostinil and sildenafil in the treatment of pulmonary hypertension	2
	Chua, R and Keogh, A Nov 2005 INTERNAL MEDICINE JOURNAL 35 (11), pp.684-U3	Citations
		References
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32	Current medical treatment of pulmonary arterial hypertension	8
	Sulica. R and Poon, M Mar 2004 MOUNT SINAL JOURNAL OF MEDICINE 71 (2) , pp.103-114	Citations 83
	Primary pulmonary hypertension is a rare disease of the pulmonary vasculature manifested by dyspnea on exertion, syncope, and signs and symptoms of right heart failure. In the absence of adequate treatment, primary pulmonary hypertension has a grave prognosis, with a median survival of 2.8 years. Pulmonary arterial hypertension develops in as: Show more	References
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33	Combination of oral sildenafil and inhaled treprostinil in severe pulmonary hypertension	
	Voswinckel, B. Enke, B. () Olschewski, H 27th Congress of the European-Society-of-Cardiology Sep 2005 [EUROPEAN HEART JOURNAL 26, pp.113-114	0
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34	Inhaled treprostinil is a potent pulmonary vasodilator in severe pulmonary hypertension	1
	Voswinckel, B; Kohstall, MG; (); Olschewski, H ESC Congress 2004	Citation
	Aug-sep 2004 EUROPEAN HEART JOURNAL 25 , pp.22-22	U

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□ 35 The prostacyclin analogue treprostini blocks NF kappa B nuclear translocation in human alveolar macrophages Raychaudhuri, B: Malur, A: (); Thomassen, MJ Sep 6 2002 JOURNAL OF BIOLOGICAL CHEMISTRY 277 (36), pp. 33344-33348 Primary pulmonary hypertension (PPH) is characterized by increased pulmonary arterial pressure and vascular resistance. We and others have observed that inflammatory cytokines and infiltrates are present in the lung tissue, but the significance is uncertain. Treprostinii (TRE), a prostacyclin analogue with extended half-life and chemical stability, h Show more Free Full Text From Publisher ***	37 Citations 32 References
□ 36 Role of prostacyclin and its derivatives in the treatment of pulmonary arterial hypertension. Caneva_JQ and Osses_JM 2003 MEDICINA-BUENOS AIRES 63 (3), pp.233-236 Role of prostacyclin and its derivatives in the treatment of pulmonary arterial hypertension. Pulmonary arterial hypertension (PAH) is defined as a group of diseases characterised by a progressive increase of pulmonary vascular resistance leading to right ventricular failure and death. A dysregulation of prostacyclin metabolic pathways has been derr Show more ****	1 Citation 16 References

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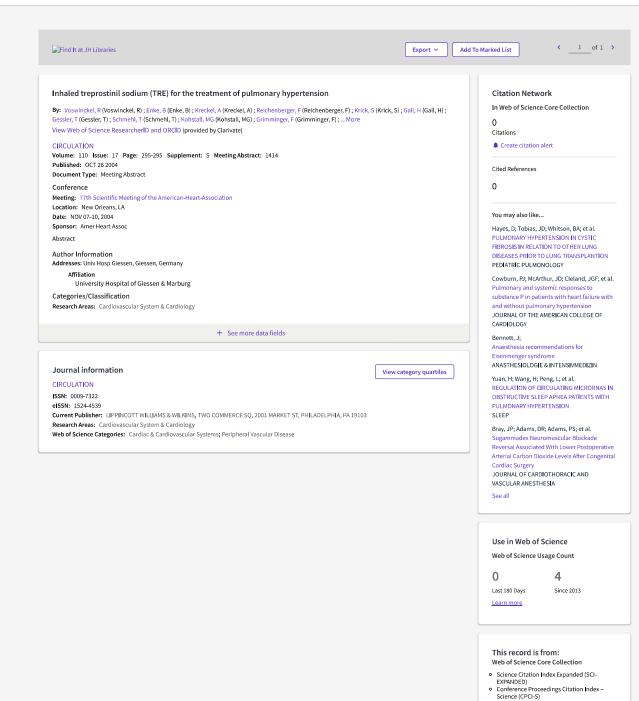
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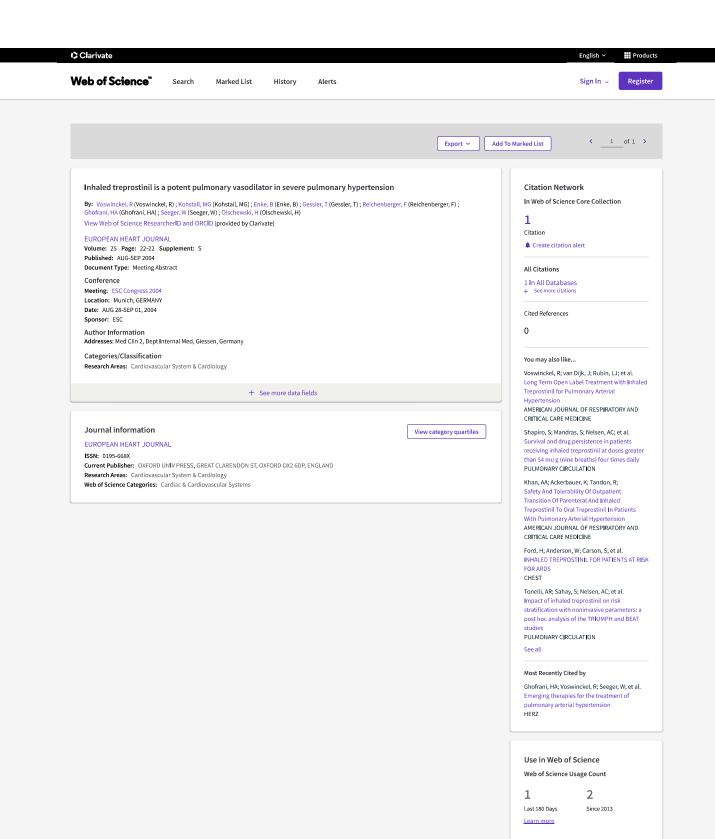
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