

Review Article Open Access

Innovations in Paediatric Anaesthesia Techniques: Ensuring Safe and Effective Care for Children

211001110 0410 101 0111141011			
Jenny Caroline*			
Department of Paediatrics, McMaster University, Hami	Iton, Ontario, Canada		

A .,..

In. od c.ion

• 29-Jun-2023, DOI: 10.4172/jpms.1000217
• Citation: Caroline J (2023) Innovations in Paediatric Anaesthesia Techniques:

* --- • and healthcare professionals involved in providing optimal anaesthesia care to paediatric patients.

Paediatric anaesthesia plays a critical role in ensuring the safety and comfort of children under procedures. This feld requires specialized techniques and considerations due to the unique ph psychological characteristics of paediatric patients. This paper aims to provide an overview of paediat techniques, highlighting the key principles and advancements in the feld. We discuss the preoperative induction, maintenance, and emergence from anaesthesia, as well as the management of pair complications in paediatric patients. By understanding and implementing appropriate anaesther complications in paguiatric patients. By understanding and implementations and their families.

په اور در دره او در دره او

Citation: Caroline J (2023)	Innovations in Paediatric Anaesthesia	Techniques: Ensuring Safe and I	Efective Care for Children.	J Paediatr Med Sur 7:
217.				

Page 2 of 3

- Beaulieu AD, Aalhus JL, Williams NH, Patience JF (2010) Impact of piglet birth zweight, birth order, and litter size on subsequent growth performance, carcass quality, muscle composition, and eating quality of pork. Anim Sci J 2767–2778.
- Bee G (2004) Efect of early gestation feeding, birth weight, and gender of progeny on muscle fber characteristics of pigs at slaughter. Anim Sci J 82:826-836
- Bidner BS, Ellis M, Brewer MS, Campion D, Wilson ER, et al. (2004) Efect of ultimate pH on the quality characteristics of pork. J Muscle Foods 139–154.
- Bloxham DP, Parmelee DC, Kumar S, Wade RD, Ericsson LH, et al. (1981)
 Primary structure of porcine heart citrate synthase. Proc Natl Acad Sci U S A
 78:5381-5385.
- 6. Campbell RG, Johnson RJ, King RH, Taverner MR (1990) Efects of gender

- and genotype on the response of growing pigs to exogenous administration of porcine growth hormone. Anim Sci J 68:2674-2681.
- Cerisuelo A, Baucells MD, Gasa J, Coma J, Carrion D, et al. (2009) Increased sow nutrition during midgestation afects muscle fber development and meat quality, with no consequences on growth performance. Anim Sci J 87:729-739.
- Chang KC, da Costa N, Blackley R, Southwood O, Evans G, et al. (2003) Relationships of myosin heavy chain fbre types to meat quality traits in traditional and modern pigs. Meat Sci 64:93-103.
- Chin ER, Olson EN, Richardson JA, Yang Q, Humphries C, et al. (1998) A calcineurin-dependent transcriptional pathway controls skeletal muscle fber type. Genes & Develop 12:2499-2509.
- Da Costa N, Edgar J, Ooi PT, Su Y (2007) Calcineurin differentially regulates fast myosin heavy chain genes in oxidative muscle fbre type conversion. Cell Tissue Res 329:515-527.