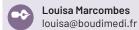
Veterinary Medical Writing

SECTION EDITOR



An illustrated look at brachycephalic dogs

hey say that a picture paints a thousand words, and for a medical writer, that sounds like a no-brainer for efficient working. Nevertheless, despite the relatively recent introduction of concepts such as infographics, graphical abstracts, and graphic medicine in the world of medical communications, the written word remains king. But if the fundamental goal of medical communications is to promote understanding of medical science in as many people as possible, whatever their background, is the visual content format underused?

Picture the scene. It's silly season, the office is empty (even "From the Horse's Mouth" is on holiday), and your MEW Vet Section editor has just finished reading the excellent "Comics aren't just for kids", a recent article in this publication by Era Mae Ferron. And she is inspired! She has been toying with the idea of doing graphic-novelstyle medical content for a while, and now she has learned that graphic medicine is a *thing!*

The following graphic medicine article, "Everything that medical writers need to know about brachycephalic dogs", is the result of that inspiration. It takes a hot topic from the

veterinary world, brachycephalic dog welfare, and is based on my own experience as a veterinary surgeon working with these lovely animals. Whilst creating this article, I reflected on the applications of graphic medicine, or perhaps more accurately "graphic pathography"2 in medical communications and formulated some thoughts: does this article have more (or less) impact in this form than if the same information had been given in a 1500-word article? And, correspondingly, does this result in improved retention of the key message? Green and Myers² have identified patient care, medical education, and the social critique of the medical profession as areas in human medicine where the graphic medicine format can be applied to enhance teaching and patient care. Are there similar applications for veterinary medicine or for medical writing? Or could its use be expanded, for example, to a graphic format of the summary of product characteristics of pharmaceuticals? Finally, and deftly sidestepping the learning style controversy of educational theory, is the benefit (or otherwise) of graphical medicine appreciated by all members of the audience, or will text (or

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even audio) always be preferred by some?

These are all questions I invite the reader to mull over when viewing this article. Graphic medicine has the potential to enhance understanding of medical information and a growing evidence base will inform medical communication professionals how it is best applied. However, what I can say for sure having completed this project, creating the picture probably takes as long as writing those thousand words.

References

- 1. Ferron EM. Comics aren't just for kids. Med Writ. 2021;30(4):18–23.
- Green MJ, Myers KR. Graphic medicine: Use of comics in medical education and patient care. BMJ. 2010;340:c863.



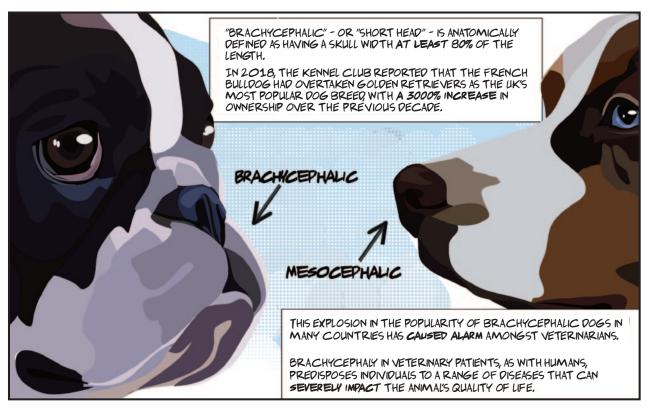
Everything

THAT MEDICAL WRITERS NEED TO KNOW ABOUT

~AN ANIMAL WELFARE COMMUNICATION~

TEXT AND GRAPHICS: LOUISA MARCOMBES FREELANCE MEDICAL WRITER



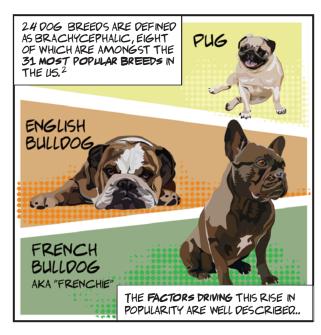


NEVERTHELESS, AS WELL AS DOGS, BRACHYCEPHALY IS DELIBERATELY BRED FOR IN NUMEROUS DOMESTIC SPECIES...





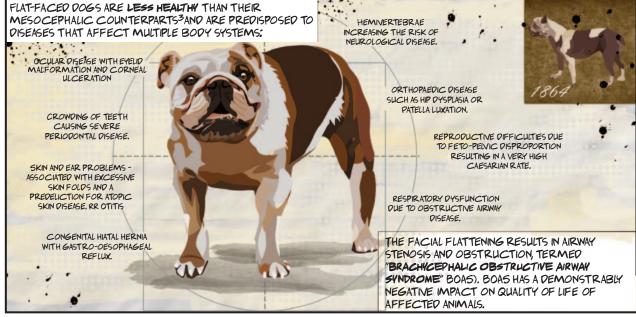






FURTHERMORE, THE PHOTOGENIC NATURE OF BRACHYCEPHALIC DOGS, ALONG WITH THE CHARACTERISTIC CHARISMA OF THESE BREEDS MEANS THEY ARE POPULAR SUBJECTS FOR THE SOCIAL MEDIA POSTS OF CELEBRITIES AND INFLUENCERS.

AND THE MORE EXTREME THE BRACHYCEPHALIC PHENOTYPE, THE GREATER THE SOCIAL MEDIA APPEAL

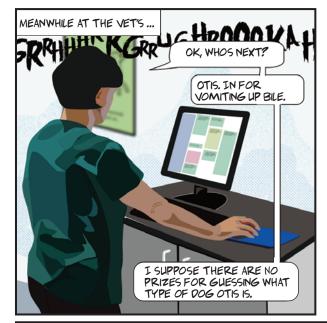


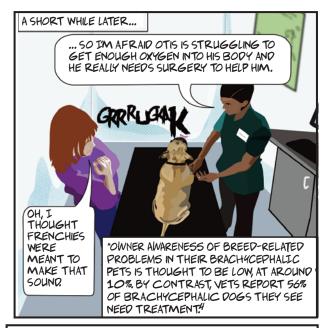












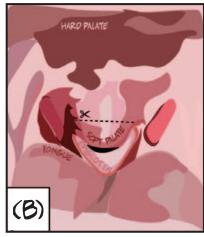
CORRECTIVE SURGERY FOR BOAS INVOLVES SEVERAL INTERVENTIONS:

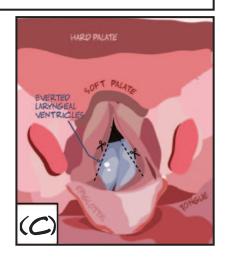
- · WIDENING OF STENOTIC NARES (A)
- · PALATOPLASTY OF THE ELONGATED SOFT PALATE (B)
- · LARYNGEAL VENTRICULECTOMY (C)
- · TONSILLECTOMY

BOAS SURGERY CARRIES A RISK OF MAJOR COMPLICATIONS.

POSTOPERATIVE DYSPNOEA SECONDARY TO TISSUE SWELLING AND ASPIRATION PNEUMONIA ARE COMMONLY REPORTED 5





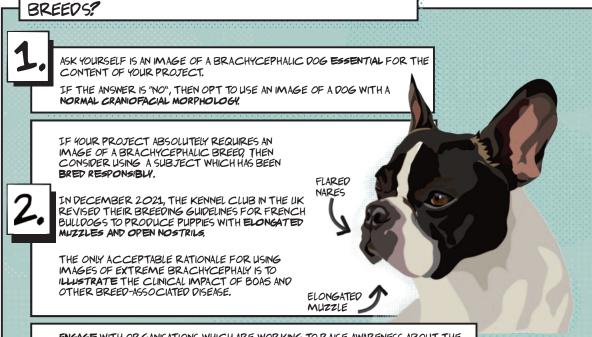




BRACHYCEPHALY IN DOGS PREDISPOSES THE ANIMAL TO SEVERE CLINICAL DISEASE WHICH HAS SIGNIFICANT IMPACT ON ITS QUALITY OF LIFE. SO UNIQUE ARE THE HEALTH PROBLEMS THESE BREEDS FACE, FRENCH BULLDOGS ARE NO LONGER CONSIDERED A "TYPICAL DOG" HEALTH-WISE. 6

THE VETERINARY PROFESSION IS LEADING THE DRIVE TO REVERSE THIS TREND THROUGH AWARENESS AND EDUCATION INITIATIVES AIMED AT VETERINARY PROFESSIONALS, OWNERS, BREEDERS, POLICY-MAKERS, MARKETING PROFESSIONALS AND INFLUENTIAL CELEBRITIES.

HOW CAN MEDICAL WRITERS HELP TO IMPROVE THE WELFARE OF BRACHYCEPHALIC



ENGAGE WITH ORGANISATIONS WHICH ARE WORKING TO RAISE AWARENESS ABOUT THE WELFARE OF BRACHYCEPHALIC DOGS. CURRENT CAMPAIGNS CAN BE FOUND HERE:

HTTPS://WWW.FECAVA.ORG/POLICIES-ACTIONS/HEALTHY-BREEDING-3/

REFERENCES:

- REFERENCES:

 1. THE KENNEL CLIB.. FRENCH BULLDOGS TAKE OVER LABRADOR RETRIEVERS AS THE UK'S MOST POPULAR BREED 2018 (CITED 2022 JUL 26). AVAILABLE AT HTTPS://WWWTHEKENNELCLUB.ORGUK/MEDIA-CENTRE/2018/JUNE/FRENCH-BULLDOGS-OVERTAKE-LABRADORS-AS-UK'S-MOST-POPULAR-DOG-BREED/

 2. THE HUMAN SOCIETY VETERNARY MEDICAL ASSOCIATION THE COST OF CUTENESS, HEALTH AND WELFARE ISSUES ASSOCIATED WITH BRACHYCEPHALIC.

 3. THE ROYAL VETERNARY COLLEGE. STUDY REVEALS FLAT-FACED DOGS REALLY ARE LESS HEALTHY THAN OTHER DOGS, 2020 (CITED 2022 JUL 26). AVAILABLE AT: HTTPS://WWW.RVC.AC.UK/VETCOMPASS/NEWS/STUDY-REVEALS-FLAT-FACED-DOGS-REALLY-ARE-LESS-HEALTHY-THAN OTHER DOGS, 2020 (CITED 2022 JUL 26). AVAILABLE AT: HTTPS://WWW.RVC.AC.UK/VETCOMPASS/NEWS/STUDY-REVEALS-FLAT-FACED-DOGS-REALLY-ARE-LESS-HEALTHY-THAN OTHER DOGS.

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 5. KRANCABLE AT: HTTPS://WWW.BVA.COUK/TAKE-ACTION/BREED-TO-BREATHE-CAMPAIGN/

 5. KRANCE, DAND DUPRE, 6, BRACHYCEPHALIC DBSTRUCTIVE AIRWAY SYNDROME CLIN SMALL ANIM 52 (2023) 7/19780.

 6. THE ROYAL VETERNARY COLLEGE. "STOP AND THINK BEFORE BUYING A FLAT-FACED DOG"; FRENCH BULLDOG NO LONGER A TYPICAL DOGS 2021 (CITED 2022 JUL 26). AVAILABLE AT: HTTPS://WWW.RVA.CAC.UK/VETCOMPASS/NEWS/

- LONGER A TYPICAL DOG 2021 (CITED 2022 JUL 26), AVAILABLE AT HTTPS://WWW.RVC.AC.UK/NETCOMPASS/NEWS/ STOP-AND-THINK-BEFORE-BUYING-A-FLAT-FACED-DOG-FRENCH-BULLDOG-NO-LONGER-ATYPICAL-DOG

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CONFLICTS OF INTEREST.

THE AUTHOR DECLARES NO CONFLICTS OF INTEREST

THE OPINIONS EXPRESSED IN THIS ARTICLE ARE THE AUTHOR'S OWN AND ARE NOT NECESSARILY SHARED BY EMWA.

THE END

