

Publications

Nemec A, Gracis M, Monreal-Pawlowsky T, Magnone W, Pritelli A and Bell C (2024) Clinical, radiographic and histological findings of seven teeth from two California sea lions (*Zalophus californianus*) housed under professional care.

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Monreal-Pawlowsky, T., Vaicekauskaitė, R., Palencia Membrive, G., Delfour, F., & Manteca, X. (2021). Goal-oriented behavioural and environmental enrichment in aquarium species. *Journal of Zoo and Aquarium Research*, 9(4), 273–280. <https://doi.org/10.19227/jzar.v9i4.588>

Delfour, F.; Vaicekauskaite, R.; García-Párraga, D.; Pilenga, C.; Serres, A.; Brasseur, I.; Pascaud, A.; Perlado-Campos, E.; SánchezContreras, G.J.; Baumgartner, K.; Monreal-Pawlowsky, T. Behavioural Diversity Study in Bottlenose Dolphin (*Tursiops truncatus*) Groups and Its Implications for Welfare Assessments. *Animals* 2021, 11, 1715. <https://doi.org/10.3390/ani11061715>

Delfour F, Monreal-Pawlowsky T, Vaicekauskaite R, Pilenga C, Garcia-Parraga D, Rödel HG, García Caro N, Perlado Campos E, Mercera B. Dolphin Welfare Assessment under Professional Care: ‘Willingness to Participate’, an Indicator Significantly Associated with Six Potential ‘Alerting Factors’. *Journal of Zoological and Botanical Gardens*. 2020; 1(1):42-60. <https://doi.org/10.3390/jzbg1010004>

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Monreal-Pawlowsky, T., Marco-Cabedo V, Sanjosé J., Palencia Membrive G., Fuentes O., Jiménez E., Manteca X. (2017). Environmental enrichment facilitates release and survival of an injured loggerhead sea turtle (*Caretta caretta*) after ten years in captivity. *Journal of Zoo and Aquarium research* DOI10.19227/jzar.v5i4.303

Monreal-Pawlowsky, T., Marco-Cabedo V, Sanjosé J., Palencia Membrive G., Fresno L., Martorell J. (2017). Pneumocoelom related to physiotherapy in a loggerhead sea turtle (*Caretta caretta*) with fore flipper paralysis. *The Aquatic Veterinarian, Volume 11-1*.

Monreal-Pawlowsky T, Fernández-Bellon Hand Puigdemont A (2017). Suspected Allergic Reaction in Bottlenose Dolphins (*Tursiops truncatus*). *Journal of Veterinary Science & Animal Husbandry Volume 5 | Issue 1*

Monreal-Pawlowsky, T., Carbajal, A., Tallo-Parra, O., Sabés-Alsina, M., Monclús, L., Almunia, J., ... & Lopez-Bejar, M. (2017). Daily salivary cortisol levels in response to stress factors in captive common bottlenose dolphins (*Tursiops truncatus*): a potential welfare indicator. *Veterinary Record*, vetrec-2016.

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Pawlowsky-Glahn, V., Monreal-Pawlowsky, T., & Egozcue, J. J. (2016). Representation of Species Composition. In *Compositional Data Analysis: CoDaWork, L'Escala, Spain, June 2015 6* (pp. 167-180). Springer International Publishing.

Alonso-Farré, J. M., Gonzalo-Orden, M., Barreiro-Vázquez, J. D., Barreiro-Lois, A., André, M., Morell, M., Llarena-Reino, T. Monreal-Pawlowsky & Degollada, E. (2015). Cross-sectional Anatomy, Computed Tomography and Magnetic Resonance Imaging of the Head of Common Dolphin (*Delphinus delphis*) and Striped Dolphin (*Stenella coeruleoalba*). *Anatomia, histologia*,

embryologia, 44(1), 13-21.

Alonso-Farré, J. M., Gonzalo-Orden, M., Llarena-Reino, M., Monreal-Pawlowsky, T., & Degollada, E. (2013). Transitional cell carcinoma in the urinary bladder of a common dolphin (*Delphinus delphis*) with emphasis on imaging diagnosis. *Imaging*, 6(1).

Conference papers

International Association of Aquatic Animal Medicine, Galway, Ireland, May 2024

Poster: Tania Monreal-Pawlowsky, Jessica Whiton, Courtney Burdick, Laia Lleonart, Sergi Olvera-Maneu, Annaïs Carbajal, Manel López-Béjar
“Exploring Salivary Cortisol Levels in Beluga Whales (*Delphinapterus leucas*): Insights into Cortisol Detection and Circadian Rhythm”

Poster: Tania Monreal-Pawlowsky, Susan M. Thornton, Thomas Bauer, Christiane Stehle, David García, Thomas Reidarson
“Liver Index Value in Raja species – An Easily Applicable Method for Assessing Body Condition in Rays”

European Association for Aquatic Mammals, Tenerife, Spain 2024

Monreal-Pawlowsky, T., Burdick, C., Whiton, J., Sverrisdóttir, A. L., Garðarsdóttir, S. D., Velázquez-Urgel, I.
“Attempted tooth extraction in a beluga whale (*Delphinapterus leucas*) through medical training”

European Association for Aquatic Mammals, Valencia, Spain 2023

Poster: Vaicekauskaite, R.; Monreal-Pawlowsky, T.; Delfour, F.; Jonas Livet, J.; De Luca, A.; Fountoulaki, M.V.; Olvera-Maneu, S.; Carbajal, A.; Lopez-Bejar, M.
“Analysis of cortisol in bottlenose dolphins’ gastric fluid in view of monitoring animal welfare under human care.”

EAZA Welfare Forum, Apeneul Primate Park, Netherlands 2022

Baumgartner K., Delfour F., Hüttner T., Garcia Hartmann M., Monreal-Pawlowsky T., Garcia-Párraga D., Manteca X., Tallo-Parra O., Pilenga C., Ternes K., Mercera B., Simon R. and von Fersen L. Vaicekauskaite R.
“DolphinWET (Welfare Evaluation Tool): a protocol for the evaluation of Bottlenose dolphins (*Tursiops truncatus*) welfare.

International Association for Aquatic Animal Medicine (virtual 2022)

Poster: Monreal-Pawlowsky T., Vaicekauskaite R., Sánchez-Contreras G.J., De Luca A., Olvera-Maneu S., Lopez-Bejar M.
“First findings of changes in the gastric fluid of Bottlenose dolphins (*Tursiops truncatus*) as a potential welfare indicator”

European Association for Aquatic Mammals (virtual 2022)

Vaicekauskaite R., Monreal-Pawlowsky T., Olvera-Maneu S., De Luca A., Fountoulaki V.M., Lopez-Bejar M.
“Gastric fluid as a potential welfare indicator for Bottlenose dolphin (*Tursiops truncatus*)”

Vaicekauskaite R., Monreal-Pawlowsky T., Garcia Caro N., Livet J., Egozcue J.J., Pawlowsky-Glahn V., Delfour F., Manteca X.
“How to know if your dolphin is motivated”

International Marine Animals Trainers Association, Chicago, USA 2022

Vaicekauskaite R., De Luca A., Fountoulaki V.M., Livet J. and Monreal-Pawlowsky T.
“May association between individual dolphins, their personality and their attitude tell us something about their welfare?”

Poster: Vaicekauskaite R., Baumgartner K., Delfour F., Hüttner T., Garcia Hartmann M., Monreal-Pawlowsky T., Garcia-Párraga D., Manteca X., Tallo-Parra O., Pilenga C., Ternes K., Mercera B., Simon R. and von Fersen L.

“DolphinWET (Welfare Evaluation Tool): a protocol for the evaluation of Bottlenose dolphins (*Tursiops truncatus*) welfare”

ABMA Conference (Virtual 2021)

Ruta Vaicekauskaite^{1*}, Jonas Livet², Tania Monreal-Pawlowsky³, Fabienne Delfour⁴
Environmental enrichment induces positive changes in Black Sea bottlenose dolphins’ attitude and increases their willingness to participate during public presentations

European Association for Aquatic Mammals (virtual 2021)

Baumgartner K.*, Clegg I., Garcia-Párraga D., Delfour F., Garcia Hartmann M., Mercera B., Monreal-Pawlowsky T., Pilenga C., Tallo-Parra O., von Fersen L., Vaicekauskaite R., Manteca X.
Dolphin-WET (Welfare Evaluation Tool): a protocol for the evaluation of bottlenose dolphins (*Tursiops truncatus*) welfare

Monreal-Pawlowsky T., Vaicekauskaite R., Pilenga C., Garcia-Parraga D., Rödel H.G., García Caro N., Perlado Campos E., Mercera B., Delfour F.

Dolphin Welfare Assessment under Professional Care: ‘Willingness to Participate’, an Indicator Significantly Associated with Six Potential ‘Alerting Factors’

Vaicekauskaite R., Livet J., Monreal-Pawlowsky T., Delfour F.

First evidence that environmental enrichment could help assessing dolphins’ welfare

Wildlife Research and Conservation (WRC2019), Berlin, Germany 2019

Carbajal A, Casas-Díaz E, Rodríguez S, González-Fernández M, Palencia G, Monreal-Pawlowsky T, Lopez-Bejar M

Two novel matrices for non-invasive monitoring of glucocorticoids in loggerhead sea turtles (*Caretta caretta*).

International Conference on Environmental Enrichment, Kyoto, Japan 2019

Ruta Vaicekauskaite, Jonas Livet, Tania Monreal-Pawlowsky, Fabienne Delfour
Environmental enrichment as a tool towards positive changes of Black Sea bottlenose dolphins’ attitude and participations during educational presentations

International Association of Aquatic Animal Medicine, Long beach, California, USA, May 2018.

Monreal-Pawlowsky, T., Marco-Cabedo V., Palencia Membrive G., Fuentes, O., Manteca, X.
Poster: Environmental Enrichment Facilitates Release And Survival Of An Injured Loggerhead Sea Turtle (*Caretta caretta*) After Ten Years In Captivity. IAAAM Preceedings.

International Association of Aquatic Animal Medicine, Cancún, México, May 2017.

Monreal-Pawlowsky, T., Marco-Cabedo V., Sanjosé J., Palencia Membrive G., Fresno L., Martorell J.

Poster: Pneumocoelom related to physiotherapy in a loggerhead sea turtle (*Caretta caretta*) with fore flipper paralysis. IAAAM Preceedings.

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Multi facility study to determine a salivary cortisol baseline in *Tursiops truncatus*. EAAM Proceedings.

Sociedad Española de Cetáceos (SEC). Gran Canaria, Spain, October 2016.

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Case Report: Deep Pyoderma in a Harbour Seal (*Phoca vitulina*), EAAM Proceedings, page 22.

Barros-García, C., García-Párraga, D., Marco-Cabedo, V., Valls, M., Álvaro, T., Monreal-Pawlowsky, T., Saviano, P., Milo, C., Sánchez-Calabuig, M.J., García-Vázquez, F.A. Intravaginal artificial insemination in Bottlenose Dolphins (*Tursiops truncatus*) using refrigerated semen and medical training. EAAM Proceedings, page 26.

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Poster: Exploratory Coeliotomy and removal of an enterolith from a sand tiger shark (*Carcharias taurus*). EAZWV Proceedings 2015.

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European Association for Aquatic Mammals. Barcelona, Spain, March 2011.

Alcázar R., Gallardet M., Garcia N., López E., Martín M., Monreal T., Moore, S. Sanz, A.

Poster: Transition from a milk-feeding to a fish-feeding diet with minimal impact on a social group of California sea lions.

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Juan-Sallés C, *et al*: Ovarian torsion in a green (*Iguana iguana*) and a rhinoceros (*Cyclura cornuta*) iguana. Proceedings EAZWV 2006, pages 301-2

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Disseminated histoplasmosis in two maras (*Dolichotis patagonum*) and a wallaby (*Macropus rufogriseus*) in captivity. AAZV Proceedings 2006, pages 51-52.

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