

#### MEDICINE AND PRACTICAL ETHICS IN GALEN

Galen was notable in the ancient world for his creative intermingling of medicine and practical ethics. This book is the first authoritative analysis of Galen's psychological and ethical works alongside a large number of his technical tracts, both medical and philosophical, and offers a robust framework through which we can comprehend his role as a practical ethicist — an aspect of his intellectual profile that has been little understood until now. Sophia Xenophontos explores a wide range of literature on *moralia* in the Roman Imperial period, as well as topics including the pathology of emotions, the social role of medicine, and character formation and social ethics, to show the sophisticated and complex ways in which moral themes and controversies from antiquity were adapted and reinvigorated by Galen. This title is also available as open access on Cambridge Core.

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Θεοτόκη



For this reason it behoves us to transfer wisdom into medicine and medicine into wisdom (μετάγειν τὴν σοφίην ἐς τὴν ἰητρικὴν καὶ τὴν ἰητρικὴν ἐς τὴν σοφίην). For a physician being a philosopher is like a god (ἰητρὸς γὰρ φιλόσοφος ἰσόθεος).

[Hippocrates], Decorum 5, 27.1-3 Heiberg = IX.232.8-10 Littré



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An earlier version of Chapter 4 was published as 'Psychotherapy and Moralising Rhetoric in Galen's Newly Discovered Avoiding Distress (Peri Alypias)' in Medical History 58.4 (2014) pp. 585–603, while an earlier version of Chapter 5 appeared as 'Galen's Exhortation to the Study of Medicine: An Educational Work for Prospective Medical Students' in the volume Greek Medical Literature and its Readers: From Hippocrates to Islam and Byzantium, London-New York: Routledge, edited by P. Bouras-Vallianatos and S. Xenophontos in 2018, pp. 67–93. In both cases the versions featuring in this book are revised and augmented and are thus to be preferred.

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### Acknowledgements

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This book was written during the most exciting period ever, when my son, Theotokis, first appeared in my life to give it a new direction and change it for ever. This book is dedicated to him.



## Conventions and Abbreviations

#### References to Galen's works consist of:

- (i) the title of the work (abbreviated or in full) followed by
- (ii) book and/or chapter numbers as per the traditional division (where applicable),
- (iii) page and line number of the most recent edition (if one is available) and/or
- (iv) the (corresponding) location in Kühn's collected edition (where applicable; volume in Roman numerals, page and line in Arabic numerals)

#### Some examples:

*PHP* 9.7, 590.2-11 De Lacy = V.782.3-14 K. (=Kühn) refers to De Lacy's edition of the *Doctrines of Hippocrates and Plato*, Book 9, ch. 7, p. 590, ll. 2-11, which corresponds to volume V, p. 782, ll. 3-14 in Kühn's edition.

Diff. Puls. 3, VIII.636.1-8 K. (=Kühn) refers to a section from ch. 3 of *The Different Kinds of Pulse*, covering ll. 1-8 on p. 636 in volume VIII of Kühn's edition. *The Different Kinds of Pulse* has yet to be edited by any scholar other than Kühn.

Med. Exp. 9.2, 18.4-8 Walzer corresponds to ch. 9, paragraph 2 of Medical Experience, which extends from l. 4 to l. 8 of p. 18 in Walzer's edition. Medical Experience is not included in Kühn.

Opt. Med. Cogn. 1, 47.11-12 Iskandar is a segment of section 1 to be found in ll. 11-12, p. 47 of Iskandar's edition of the Arabic translation of Recognising the Best Physician. The original work does not survive in Greek.

The same referencing system is applied to Hippocratic texts and the works of other medical authors.

Throughout the book Galenic passages quoted from the original follow the most recent edition. Thus, where variant readings exist, these are taken from the latter, unless otherwise stated. Square brackets [...] indicate



#### Conventions and Abbreviations

deletions by the editor(s), whereas angle brackets <...> enclose letters or words added by the editor(s).

I cite proper names of ancient authors and their works according to LSJ (9th edition. Oxford, 1940; revised supplement, Oxford, 1996) and *OCD* (S. Hornblower, A. Spawforth, and E. Eidinow eds., *The Oxford Classical Dictionary*, 4th edition. Oxford, 2012). By convention, texts in the Hippocratic Corpus are referred to as being by [Hippocrates].

Transliteration of Greek terms follows the Library of Congress system: https://www.loc.gov/catdir/cpso/romanization/greek.pdf (last accessed: 31 January 2023).

The capitalised form 'Chapter' refers to a particular chapter of this book, whereas the uncapitalised form 'chapter' is reserved for sections of Galen's or another author's writings. In this book, 'ethics' and 'morality', 'ethical' and 'moral' are used interchangeably, reflecting the overall lack of modern consensus as to how these pairs should be compartmentalised. The same holds for 'passions', 'emotions' and less frequently 'affections' and 'feelings', which are also used indistinguishably as the English renderings for the Greek *pathē* (see e.g. Fitzgerald 2008: 2–5 and Singer 2021: 157, n. 6). I refrain from using the renderings 'sentiment' or 'suffering'.

The following abbreviations are used to refer to modern reference works, editions or series:

- CMG Corpus Medicorum Graecorum. Berlin, 1908 .
- DG Diels, H. (ed.), Doxographi Graeci, Berlin, 1879.
- DK Diels, H. and W. Kranz (eds.), *Die Fragmente der Vorsokratiker*, 6th edition. Zurich, 1968–1970.
- EANS Encyclopedia of Ancient Natural Scientists: The Greek Tradition and its Many Heirs, ed. P. Keyser and G. Irby-Massie. London-New York, 2008.
- LSJ Liddell, H. G., R. Scott, and H. J. Jones (eds.), *A Greek-English Lexicon*. Oxford, 1940. Revised Supplement, ed. P. G. W. Glare with the assistance of A. A. Thompson. Oxford, 1996.
- PCG Poetae Comici Graeci, 8 volumes, ed. R. Kassel and C. Austin. Berlin, 1983–2001.
- PIR<sup>2</sup> Prosopographia Imperii Romani
- SVF Von Arnim, H. (ed.), Stoicorum Veterum Fragmenta. 4 vols. Leipzig, 1903–1924.
- TrGF Tragicorum Graecorum Fragmenta, 5 vols. (Göttingen, 1971–2004): vol. 1, Didascaliae tragicae, catalogi tragicorum minorum, ed. B. Snell (1971); vol. 2, Fragmenta adespota,

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testimonia, etc., ed. R. Kannicht and B. Snell (1981); vol. 3, *Aeschylus*, ed. S. Radt (1985); vol. 4, *Sophocles*, ed. S. Radt, 2nd edition (1999); vol. 5, *Euripides*, ed. R. Kannicht, 2nd edition in 2 parts (2004).

Abbreviations for editions of Galenic texts most frequently referred to:

- B. V. Boudon (ed.), *Galien, Exhortation à l'étude de la médecine*. Paris: Belles Lettres, 2000.
- Ba. A. Bazou (ed.), Γαληνοῦ "Οτι ταῖς τοῦ σώματος μράσεσιν αἱ τῆς ψυχῆς δυνάμεις ἔπονται. Athens: Academy of Athens, 2011.
- BM V. Boudon-Millot (ed.), 'Un traité perdu de Galien miraculeusement retrouvé, le *Sur l'inutilité de se chagriner*: Texte grec et traduction française', in V. Boudon-Millot, A. Guardasole and C. Magdelaine (eds.), *La Science médicale antique: Nouveaux regards; études réunies en l'honneur de Jacques Jouanna*. Paris: Beauchesne, 2007, 73–123, at 87–102.
- DB W. De Boer (ed.), Galeni De propriorum animi cuiuslibet affectuum dignotione et curatione; De animi cuiuslibet peccatorum dignotione et curatione; De atra bile. Leipzig and Berlin: in aedibus Teubneri [CMG V 4,1,1], 1937.
- DL Ph. De Lacy (ed.), *Galeni De placitis Hippocratis et Platonis*. Berlin: Akademie Verlag [*CMG* V 4,1,2, vols. 3], 1978–1984.
- I. A. Z. Iskandar (ed.), *Galeni De optimo medico cognoscendo libelli versio Arabica*. Berlin: Akademie Verlag [*CMG* Suppl. Or. IV], 1988.
- K. K. G. Kühn, *Claudii Galeni Opera Omnia*, 20 vols in 22. Leipzig: Carl Cnobloch, 1821–1833.
- Ko. K. Koch (ed.), *Galeni De sanitate tuenda*. Berlin: in aedibus B. G. Teubner [*CMG* V 4,2], 1923.
- Kr. P. Kraus (ed.), 'Kitāb al-akhlāq li-Jālīnūs', Bulletin of the Faculty of Arts of the Egyptian University 5.1 (1939) 1-51.
- L. É. Littré (ed.), *Oeuvres complètes d'Hippocrate*, 10 vols. Paris: J. B. Baillière, 1839–1861.
- M. F. Marx (ed.), A. Cornelii Celsi quae supersunt. Leipzig et Berlin: in aedibus Teubneri [CML I], 1915.
- N. V. Nutton (ed.), *Galeni De praecognitione*. Berlin: in aedibus Teubneri [*CMG* V 8,1], 1979.
- PX I. Polemis and S. Xenophontos (eds.), *Galen, On Avoiding Distress and On My Own Opinions*. Edited by Ioannis Polemis and Sophia



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Xenophontos. Translated by Sophia Xenophontos. Berlin: Trends in Classics Supplementary Volumes (151), 2023. [open access: https://www.degruyter.com/document/doi/10.1515/9783111320816/html; last accessed 23 August 2023].

WP E. Wenkebach and F. Pfaff (eds.), Galeni in Hippocratis sextum librum Epidemiarum commentaria I-VI. Berlin: in aedibus Academiae litterarum [CMG V 10,2,2], 1956.

#### Translations:

All translations of *Avoiding Distress* cited throughout are my own. They come from PX above (freely accessible at: https://www.degruyter.com/document/doi/10.1515/9783111320816/html; last accessed 23 August 2023). Translations of *Affections and Errors of the Soul, Character Traits* and *The Capacities of the Soul Follow the Mixtures of the Body* are taken from Singer 2013. Those of the *Exhortation to the Study of Medicine* come from Singer 1997 with modifications; those of *Prognosis* are by Nutton 1979 sometimes with minor alterations. Translations of the other Galenic passages cited in this book follow, often with minor changes, the standard modern translations, unless otherwise indicated. The same goes for translations of all other ancient authors. For Galenic works that remain untranslated, the translations provided are mine.

Abbreviations of Galen's works used in this book are provided below. A full list may be found in Singer (2013: 431–444) and in G. Fichtner's Bibliography of the Galenic and pseudo-Galenic corpus, accessible through the *CMG* website (http://cmg.bbaw.de/online-publications/hip pokrates-und-galenbibliographie-fichtner; last accessed 31 January 2023). Pseudo-Galenic or dubious works are enclosed in square brackets.

Abbreviation	Latin Title	English Title
AA Adv. Jul. Aff. Pecc. Dig.	De anatomicis administrationibus Adversus Julianum De propriorum animi cuiuslibet affectuum dignotione et curatione	Anatomical Procedures Against Julian Affections and Errors of the Soul
Alim. Fac. Ars Med. Art. Sang.	De alimentorum facultatibus Ars medica An in arteriis natura sanguis contineatur	The Capacities of Foodstuffs The Art of Medicine Whether Blood is Naturally Contained in the Arteries



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#### Conventions and Abbreviations

(cont.)

	(com.)				
Abbreviation	Latin Title	English Title			
Bon. Hab.	De bono habitu	Good Condition			
Bon. Mal. Suc.	De bonis malisque sucis	Good Humour and Bad Humour			
CAM	De constitutione artis medicae ad Patrophilum	The Composition of the Art of Medicine, Addressed to Patrophilus			
Caus. Symp.	De symptomatum causis	Causes of Symptoms			
Comp. Med.	De compositione medicamentorum	The Composition of Drugs			
Gen.	per genera	According to Kind			
Comp. Med. Loc.	De compositione medicamentorum secundum locos	The Composition of Drugs According to Places			
CP	De causis procatarcticis	Antecedent Causes			
Cons.	De consuetudinibus	On Habits			
Cris.	De crisibus	On Crises			
Cur. Rat. Ven.	De curandi ratione per venae	Treatment by Bloodletting			
Sect.	sectionem				
De Mor.	De moribus	Character Traits			
Di. Dec.	De creticis diebus	Critical Days			
Dig. Puls.	De dignoscendibus pulsibus	Diagnosis by the Pulse			
Diff. Feb.	De febrium differentiis	The Different Kinds of Fever			
Diff. Puls.	De differentiis pulsuum	The Different Kinds of Pulse			
Diff. Resp.	De difficultate respirationis	Difficulty in Breathing			
Gloss.	Glossarium	Glossary of Hippocratic Terms			
Hipp. Aph.	In Hippocratis Aphorismos	Commentary on Hippocrates's 'Aphorisms'			
Hipp. Art.	In Hippocratis De articulis	Commentary on Hippocrates's 'Joints'			
Hipp. Elem.	De elementis ex Hippocrate	The Elements According to Hippocrates			
Hipp. Epid. I	In Hippocratis epidemiarum librum I	Commentary on Hippocrates's 'Epidemics I'			
Hipp. Epid. III	In Hippocratis epidemiarum librum III	Commentary on Hippocrates's 'Epidemics III'			
Hipp. Epid. IV	In Hippocratis epidemiarum librum IV	Commentary on Hippocrates's 'Epidemics IV'			
Hipp. Epid. VI	In Hippocratis epidemiarum librum VI	Commentary on Hippocrates's 'Epidemics VI'			
Hipp. Progn.	In Hippocratis prognosticum	Commentary on Hippocrates's  'Prognostic'			
Hipp. Prorrh.	In Hippocratis De praedictionibus	Commentary on Hippocrates's 'Prorrhetics'			
[Hist. Phil.]	[Historia Philosophica]	[History of Philosophy]			
HNH	In Hippocratis De natura hominis	Commentary on Hippocrates's 'Nature of Man'			
Ind.	De indolentia	Avoiding Distress			
Lib. Prop.	De libris propriis	On My Own Books			
Loc. Aff.	De locis affectis	Affected Places			
MM <sup>33</sup>	De methodo medendi	Therapeutic Method			



#### Conventions and Abbreviations

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## (cont.)

Abbreviation	Latin Title	English Title
MMG	Ad Glauconem de methodo medendi	Therapeutics to Glaucon
Med. Exp.	De experientia medica	Medical Experience
Mot. Dub.	De motibus dubiis	On Problematical Movements
Musc. Diss.	De musculorum dissectione	The Dissection of Muscles
Nat. Fac.	De naturalibus facultatibus	Natural Faculties
Opt. Doct.	De optima doctrina	The Best Method of Teaching
Ôpt. Med.	Quod optimus medicus sit quoque philosophus	The Best Doctor is Also a Philosopher
Opt. Med. Cogn.	De optimo medico cognoscendo	Recognising the Best Physician
Opt. Sect.	De optima secta	The Best Sect
Ord. Lib. Prop.	De ordine librorum propriorum	The Order of My Own Books
Part. Art. Med.	De partibus artis medicativae	The Parts of the Art of Medicine
Parv. Pil.	De parvae pilae exercitio	The Exercise with the Small Ball
PHP	De placitis Hippocratis et Platonis	Doctrines of Hippocrates and Plato
Plen.	De plenitudine	Fullness
Praen.	De praecognitione	Prognosis
Praes. Puls.	De praesagitione ex pulsibus	Prognosis by the Pulse
Prolaps.	De humero iis modis prolapso quos Hippocratis non vidit	Dislocations not Seen by Hippocrates
Prop. Plac.	De propriis placitis	My Own Opinions
Protr.	Protrepticus	Exhortation to the Study of  Medicine
Purg. Med. Fac.	De purgantium medicamentorum facultate	The Capacity of Cleansing Drugs
QAM	Quod animi mores corporis temperamenta sequuntur	The Capacities of the Soul Depena on the Mixtures of the Body
San. Tu.	De sanitate tuenda	Matters of Health
Sem.	De semine	Semen
SMT	De simplicium medicamentorum ac facultatibus	The Capacities of Simple Drugs
Soph.	De sophismatibus penes dictionem	Linguistic Sophisms
Subf. Emp.	Subfiguratio empirica	Outline of Empiricism
Temp.	De temperamentis	On Mixtures
[Ther. Pis.]	[De Theriaca ad Pisonem]	[Theriac, To Piso]
Thras.	Thrasybulus sive utrum medicinae sit an gymnasticae hygiene	Thrasybulus: Is Healthiness a Part of Medicine or of Gymnastics?
UP	De usu partium	The Function of the Parts of the Body
Ven. Sect. Er.	De venae sectione adversus	Bloodletting, Against the
Rom.	Erasistrateos Romae degentes	Erasistrateans at Rome