καὶ τῶν ἐπ' αὐταῖς λόγων ἐπράχθη μοι τοὺς φθονεροὺς ἰατρούς τε καὶ 8 φιλοσόφους ἐλέγχοντι. προπηλακιζόμενος γὰρ ὑπ' αὐτῶν ἐπὶ τοῦτ' ἤλθον 'Ομήρου με παιδεύσαντος

«ἄνδρ' ἐπαμύνασθαι ὅτε τις προτέρως χαλεπήνη». 627 9 τοιαύτην οὖν ἀρχὴν ἔσχεν ἡ πρὸς αὐτοὺς συνουσία. Φλά βιος Βοηθὸς δ ύπατικός άνηρ όπως μεν ην φιλόκαλός τε και φιλομαθής οίσθα και σύ, διδασκάλω δ' έχρῆτο τῶν Περιπατητικῶν δογμάτων 'Αλεξάνδρω τῷ Δαμασκηνῷ γινώσκοντι μὲν καὶ τὰ Πλάτωνος ἀλλὰ τοῖς ' Αριστο-10 τέλους προσκειμένω μᾶλλον. ὁπότ' οὖν παρεκάλεσέ με διδάξαι διὰ τῶν ἀνατομῶν ὅπως ἀναπνοή τε καὶ φωνή γίνεται παρεσκεύασεν ἔρί- 10 φους τε καὶ χοίρους πλείονας: πιθήκων γάρ οὐδὲν ἔφην δεῖσθαι τὴν άνατομήν, όμοίαν γε την κατασκευην έχόντων οὐ μόνον τούτων τῶν ζώων άλλὰ καὶ τῶν πεζῶν σχεδὸν ἀπάντων. ὅσα φωνὴν ἔχει μεγάλην έπιτηδειότερα τῶν μικροφώνων είναι παρασχεῖν ἀποδεικτικὰ λήμματα 11 πρὸς τὴν τοῦ προκειμένου πίστιν, παρῆσαν δ' ἐν τῆ μελλούση γενήσεσθαι 15 δείξει καὶ ἄλλοι μέν τινες ἀτὰρ οὖν καὶ ᾿Αδριανὸς ὁ ῥήτωρ, οὖπω σοφιστεύων άλλ' έτι συνών τῷ Βοηθῷ, καὶ Δημήτριος 'Αλεξανδρεύς, έταϊρος Φαβωρίνου δημοσία λέγων έκάστης ήμέρας είς τὰ 12 προβαλλόμενα κατά την ίδέαν της Φαβωρίνου λέξεως. έμοῦ δὲ πρὶν 628 ἀνατέμνειν εἰπόντος ώς αὐτὸς μὲν δείξαιμι τὰ ἐκ τῆς ἀνατομῆς φαι|νόμενα, 20 συλλογίσασθαι δὲ τὰ ἐξ αὐτῶν περαινόμενα οὐκ ἐμοῦ μόνον ἀλλὰ καὶ τῶν ἀπάντων μᾶλλον ἐλπίζοιμι δύνασθαι τὸν διδάσκαλον ᾿Αλέξανδρον, οἱ μὲν ἄλλοι πάντες ὡς ἐπιεικῆ τὸν λόγον ἀπεδέξαντο, τιμὴν εἰς τον 'Αλέξανδρον έχοντες καὶ άμα προτροπήν εἰς τὸ τὴν ὅλην (συν)-13 ουσίαν άνευ φιλονεικίας γενέσθαι. γινώσκεις γάρ ώς έπὶ τούτω τῷ πάθει 25 πρὸς ἀπάντων ᾿Αλέξανδρος ἐγινώσκετο, καθάπερ καὶ τότε σαφῶς ἐδή-14 λωσεν. δείξιν γάρ ύποσχομένου μου νευρίων λεπτοτάτων ώς είναι τρι-

3sq. `Ομήρου - χαλεπήνη] Π. Ω 369 Od. π 72; φ 133 6 διδασκάλφ - 9] cf. Gal. Anat. admin. I 1: II p. 218,6-8 K. 25-98,4] cf. Gal. Anat. admin. VIII 7: II p. 689,8-17 K.; XI 4: p. 81,31-87,31 Duckworth; XI 11: p. 104,27-107, 23 Duckworth; XIV 6-8: p. 203,7-208,18 Duckworth De usu part. XVI 4: II p. 386,10-389,5 Helmr. = IV p. 278,3-282,1 K. De loc. aff. I 6: VIII p. 49,16-55,14 K.; IV 9: VIII p. 266,12-272,14 K.

2 έλέγχουται L: έλέγχουται τ A: έλέγχουτα 1 sq. τε και φιλοσόφους om. Nic. 4 ἄνδρ'] ἄν δ' y πρότερος Hom. cod. A, fort. recte: prius Nic. M: corr. Ald. 5 συνουσία] iniquitas Nic. 8 ante Πλάτωνος add. τοῦ Μ 7 περιπατικών L 9 με] μοι Α 11 πλέονας Α πιθήκους yA: corr. Bas. 12 όμοίως Μ δσα - 14 εἶναι om. Nic. yA: corr. Schöne 13 σχεδὸν ἀπάντων] multis Nic. 15 γενήσεσθαι *iter*. Μ post δσα add. δè Bas. ἔχουσι Α 14 λείμματα L ante 'Αδριανός add. ὁ L, del. L² 18 sq. δημοσία — λέξεως om. Nic. 'Aλέξανδρον' dicente me quoniam per ea que (quo Nic.a) ex anathomia (ano-Nic.c) omnia que sillogistice (sil- Nic.º) concluduntur non a me solum sed (etiam add. 21 συλλογίσεσ9αι m LNic. 2) aliis omnibus spero posse doctori Alexandro Nic. αὐτοῦ y: sec. Nic. (ea que) corr. Bas. 24 καl – 25 γενέσθαι] totam disceptationem attribuerunt (atrib- Nic. b) Nic. 70 deletum in L: om. M: restit. Corn. Schöne 27 δείξειν yP: ostendere Nic.: corr. Schöne συνουσίαν suppl. Corn. Schöne secl. Baumgarten, Galen, Über die Stimme (Göttingen 1962), p. 102

these jealous doctors and philosophers. For I did this only when they 8 really slung mud at me; for I follow the precept of Homer that

man spould defend himself when someone else becomes angry first".

My meeting with them began like this. You well remember the 9 great interest in art and learning of Flavius Boethus, the ex-consul: he also had as his tutor in Peripatetic doctrine Alexander of Damascus, an expert also in the teachings of Plato but who inclined more to those of Aristotle. When he invited me to show him by dis- 10 sections how breath and speech are produced, he got several kids and pigs ready. I had said that there was no need to dissect apes since not only these but almost all other land animals are similar in structure: those with loud voices are much better at providing a convincing demonstration to prove the point at issue than those with soft. The 11 prospect of the demonstration attracted some others, including especially Adrian the orator - he was not yet a sophist but still attached to Boethus - and Demetrius of Alexandria, a follower of Favorinus, who used to lecture daily on suggested themes in the style of Favorinus' discourse. Before dissecting, I said that I would 12 demonstrate what was revealed by dissection and that I rather hoped that Alexander could be my guide, indeed the guide of all of us, in drawing the logical conclusions from what was thereby achieved. Everybody else accepted this suggestion as reasonable, for they respected Alexander and were eager that the whole meeting should pass off without acrimonious disputation. As you recall, Alexander 13 was renowned among all for this failing, as he then revealed clearly. I promised a demonstration of the minutest nerves, and to show how 14

99

χοειδῆ συζυγίαν τινὰ τοῖς τοῦ φάρυγγος μυσὶν ἐμφυομένην, τοῖς μὲν ἐκ τῶν ἀριστερῶν μερῶν τοῖς δ' ἐκ τῶν δεξιῶν, ἐφ' οῖς βρόχω διαληφθεῖσιν ἢ τμηθεῖσιν ἄφωνον γίνεσθαι τὸ ζῷον οὔτ' εἰς τὴν ζωήν τι βλαπτόμενον οὖτ' εἰς τὴν ἐνέργειαν, ὁ ᾿Αλέξανδρος ὑποτυχών πρὶν δειχθῆναι, «τοῦτο πρῶτον», ἔφησεν, «ἄν σοι συγχωρηθείη τοῖς διὰ τῶν αἰσθήσεων 5 15 φαινομένοις πιστεύειν ήμας δείν; » άκούσας δ' έγω ταῦτα, καταλιπών αὐτούς έχωρίσθην εν μόνον φθεγξάμενος, ώς έσφάλην οἰόμενος οὐκ εἰς τούς άγροικοπυ(ρ)ρων(ε)ίους ήκειν ή ούκ αν άφικνείσθαι. |

Galen

'Εμοῦ δὲ χωρισθέντος οι τ' ἄλλοι τοῦ 'Αλεξάνδρου κατέγνωσαν 629 16 ὅ τ' ᾿Αδριανὸς καὶ ὁ Δημήτριος, ἔχθρῶς ἀεὶ διακείμενοι πρὸς τὴν 10 17 φιλονεικίαν αὐτοῦ, πιθανὴν ἀφορμὴν εἶχον ἐπιτιμῆσαι σφοδρῶς. ἐπεὶ δὲ καὶ τοῖς φιλολόγοις ἄπασιν ὅσοι κατὰ τὴν τῶν 'Ρωμαίων πόλιν ἦσαν έγνώσθη τοῦτο καὶ τῷ Σεβήρω καὶ τῷ Παύλω καὶ τῷ Βαρβάρω, πάντες οὖν σφοδρῶς ἐπετίμησαν αὐτῷ καὶ παρόντων ἑαυτῶν ἡξίωσαν γενέσθαι τὰς ἀνατομάς, ἀθροίσαντες εἰς (τ)αὐτὸ τοὺς ἄλλους ἄπαντας 15 18 όσοι κατά την ιατρικήν τε και φιλοσοφίαν ήσαν ένδοξοι. γινομένης δέ πλείοσιν ήμέραις τῆς συνουσίας καὶ δείξαντος ἐμοῦ τὴν μὲν εἰσπνοὴν γίνεσθαι διαστελλομένου τοῦ θώρακος τὴν δ' ἐκπνοὴν συστελλομένου, δείξαντος δὲ καὶ τοὺς μῦς ὑφ' ὧν τε δια(στέλλεται καὶ συ)στέλλεται καὶ πρὸς τούτω γε τὰ εἰς αὐτούς κατεσχισμένα νεῦρα τὴν ἔκφυσιν ἐκ τοῦ 20 νωτιαίου μυελοῦ ποιούμενα καὶ ὡς ἡ μὲν ἀβίαστος ἔξω φορὰ τοῦ πνεύματος έκπνοὴν ἄψοφον ἐργάζοιτο, βιαίαν δ' εἶναι τὴν ἑτέραν αὐτῆς γι-19 νομένην μετά ψόφου, ην έκφύσησιν όνομάζομεν έπιδείξαντος δέ καί ώς 630 ή | τοιαύτη μόνη κατά την διά τοῦ φάρυγγος ἔξοδον ὑπὸ τῶν κατ' αὐτὸν χόνδρων πληττομένη τὴν φωνὴν ἐργάζοιτο καὶ ὡς ὑπὸ μυῶν οὖτοι κινοῖντο 25 καὶ ὡς τὰ νεῦρα τὰ τούτους κινοῦντα κακωθέντα τὴν ἀφωνίαν ἐργάζοιτο καὶ τῶν παραφθεγξαμένων ὁπότ' ἐδείκνυον ταῦτα πάντων ἐλεγχθέντων ὁ 20 Βοηθός έδεήθη μου σχεῖν αὐτῶν ὑπομνήματα. καὶ πέμψαντός γ' αὐτοῦ τοὺς διὰ σημείων ἠσκημένους ἐν τάχει γράφειν ὑπηγόρευσα πάντα τά τε

17 δείξαντος – 21 ποιούμενα] cf. Gal. Anat. admin. VIII 2: II p. 657,3–660,19 K.; VIII 6: II p. 683,15-684,12 K. 28 Βοηθός - ὑπομνήματα] cf. Gal. Anat. admin. I 1: II p. 215,5-216,7 K. De libr. propr. I: Ser. min. II p. 94,18-21 Müller = XIX p. 13,3-6 K.

1 έμφυσμένην P: έκφυσμένην y: conjugationem ... implantatam Nic.: έμφυσμένων 3 τμημηθείσιν L: τοῖς II] τοῦ yP: corr. Ald. 2 τοῖς] τοῦ PBaumgartenγίνεται MP, fort. recte την ζωήν] alios actus Nic. βλαπτόμετμηθήσιν Ρ νον P: βλαπτομένου y 4 ύπολαβών Bas., inepte 5 έφη edd. συγχωρηθῆ γ: 6 δ' om. L 7 έχωρίσθη L οὐκ] ώς y: corr. Bas. corr. Schöne κοπυρωνίους y: corr. Chart. $\ddot{\eta}$ — ἀφικνεῖσθαι om. Nic. ἀφικόμην maluerim 12 φιλολόγοις] 11 αὐτῷ y, qui et punctum post φιλονεικίαν colloc.: corr. Corn. 14 έαυτῶν *scripsi*; αὐτῶν y amatoribus bonorum Nic. 13 Σευήρω Μ αὐτὸ y: sec. Nic. (idem) correxi 18 ante γίνεσ θαι add. οὐ y: non hab. P διαστέλλονται y: διαστέλλοιτο P: a quibus constringitur Nic.: corr. et suppl. Baum-20 τούτω P: τοῦτο y κατεσχισμένα P Corn.: κατεχημένα M: κατισχημένα L: ἐσχεμμένα Schöne 21 ώς om. Μ 24 κατ' αὐτὸν P: κατὰ τὸν y: κατὰ τοῦτον coni. Baumgarten 26 τούτους P: τούτοις y 28 έδεήθην L νους L: ἐσχημένους M: qui exercitati erant Nic.: corr. Ald.

there is a hairlike pair implanted in the muscles of the larynx, on both left and right, which if ligated or cut render the animal speechless without damaging either its life or its functional activity. Alexander intervened before I could show this and said, "Should we agree with you on this primary point, that we should all believe in the evidence of the senses?" When I heard this, I left them and went off, saying only 15 that I was mistaken in thinking that I was not coming to meet boorish sceptics; otherwise I should not have come.

On my departure, the others condemned Alexander; and 16 Adrian and Demetrius, who were always ill-disposed to his contentiousness, had a plausible occasion to censure him severely. When 17 this was made known to all the intellectuals living in Rome and to Severus, Paulus and Barbarus, they all roundly reproached him and demanded that the dissections be performed in their presence when they had assembled together all others distinguished in medicine and philosophy. The meeting lasted several days, in which I showed 18 that an intake of breath is produced by the dilation of the thorax, an exhalation by its contraction, and displayed the muscles by which it is dilated and contracted, and also the nerves branching to them which have their origin in the spinal cord. I also demonstrated how an unforced release of breath produces a soundless exhalation and the alternative, forced release is accompanied by sound and we call it efflatus. I also revealed how this efflatus by itself, when, in its passage 19 along the larynx, it strikes against the cartilages there, produces voice: these cartilages are activated by muscles and damage to the nerves that activate the latter results in loss of voice. My detractors were all put to confusion when I showed this, and Boethus begged me to give him my lecture notes on it. He even sent trained shorthand writers to 20 δειχθέντα καὶ λεχθέντα μὴ προορώμενος εἰ μέλλοι δώσειν αὐτὰ πολλοῖς.
21 καὶ μέχρι γε νῦν, ὧ Ἐπίγενες, οὐδεὶς ἐτόλμησεν ἀντειπεῖν αὐτοῖς ἐτῶν ἐν τῷ μεταξὺ γεγονότων πεντεκαίδεκα καίτοι γε διαβουλευομένων [γε] πολλῶν ἀντειπεῖν ὅπως ἀκουσθῶσιν αὐτὸ τοῦτο μόνον, ὡς ἀντειρήκασιν, οὐ μὴν τολμώντων γ' εἰς κρίσιν ἐπὶ φιλολόγων ἀνδρῶν ἀγαγεῖν τὰ ρραφέντα.

6. Λοιπὸν οὖν ὅπερ ὑπεσχόμην ἐφεξῆς σοι διηγήσομαι, ἣν λέξιν καὶ προσθῆναι δεῖ τῷ παρόντι λόγῳ, μάλιστ' ἐπειδὴ καὶ τῶν σοφιστῶν ἰατρῶν ἔνιοι, ἀγνοούμενοι τίνι λόγῳ τὸν ἔρωτα τῆς παλλακῆς τοῦ πα-681 τρὸς Ἐρα|σίστρατος ἐγνώρισεν, ἔγραψαν τὰς ἀρτηρίας [τοὺς σφυγ-10 μοὺς] τοῦ νεανίσκου σφυζούσας ἐρωτικῶς ἐξευρεῖν αὐτόν, οὐκέθ' ὑπομείναντες εἰπεῖν ἐκ τῶν σφυγμῶν εὑρεθῆναι [καὶ ὅτι τῆς πατρὸς παλλακῆς]. ἐγὼ δ' ὅπως μὲν Ἐρασίστρατος ἔγνω τοῦτο λέγειν οὐκ ἔχω· ὅπως δ' αὐτὸς ἔγνων ἤδη σοι φράσω.

2 Παρεκλήθην μὲν εἰς τὴν ἐπίσκεψιν τῆς γυναικὸς ὡς ἀγρυπνούσης ἐνταῖς 16 νυξὶ καὶ μεταβαλλούσης ἑαυτὴν ἄλλοτ' εἰς ἄλλο σχῆμα κατακλίσεως, εὑρὼν δ' ἀπύρετον ἐπυθόμην ὑπὲρ ἑκάστου τῶν κατὰ μέρος αὐτῆ γεγονότων 3 ἐξ ὧν ἴσμεν ἀγρυπνίας συμβαινούσας. ἡ δὲ μόγις ἢ οὐδ' ὅλως ἀπεκρίνετο, ὡς μάτην ἐρωτωμένην ἐνδεικνυμένη[ν], καὶ τὸ τελευταῖον ἀποστραφεῖσα τοῖς μὲν ἐπιβεβλημένοις ἱματίοις ὅλῳ τῷ σώματι σκεπάσασα πᾶσαν 20 ἑαυτὴν ἄλλῳ δὲ τινι μικρῷ ταραντινιδίῳ τὴν κεφαλὴν ἔκειτο καθάπερ 4 οἱ χρήζοντες ὕπνου. χωρισθεὶς οὖν ἐγὼ δυοῖν θάτερον αὐτὴν ἐνόησα

7 ὑπεσχόμην] v. supra p. 94,24 ἣν-104,23] eandem curam brevius narrat Galenus: In Hipp, Progn. comm. I 8: CMG V 9,2 p. 218,14-219,5 In Hipp, Epid. II comm. II: CMG V 10,1 p. 208,17-29 cf. Gal. In Hipp. Epid. VI comm. VIII: CMG V 10,2,2 p. 494,10-21; 494,42-495,2 10 Έρασίστρατος] cf. Gal. In Hipp. Progn. comm. I 4: CMG V 9,2 p. 206,16-207,2 Haec fabula saepissime narratur a scriptoribus antiquis: Valer. Max. V 7 ext. 1 K. Plut. Demetr. 38 Appian. Syr. 59 sqq. Lucian. De dea Syr. 17,18: III p. 347,28-349,8 Jacobitz Icarom. 15: II p. 410,30 sq. Jacobitz Iulian. Misopogon: II p. 446-448 Wright Stephan.: I p. 74,20-76,26 Dietz Suda s. v. Έρασίστρατος cf. ar-Ruhāwī Adab at-tabīb fol. 82a: p. 72a,45-72^b,28 Levey Ibn abī Uṣaibi'a, 'Uyūn al-anbā': II p. 128,15 Müller Haec versio Galeni cum fabula de Hippocrate facta (Sor. Vita Hipp. 5: CMG IV p. 176,4-11 10 sq, ἔγραψαν — αὐτόν] Marcellin, De pulsib. 29-32 Schöne) contaminata esse videtur 15 Παρεκλή θην -104,23] cf. Gal. In Hipp. Progn. comm. I 8: CMG V 9,2 p. 218,19 cf. ar-Ruhāwī Adab at-tabīb fol. 79b: p. 71a,50-55 Levey Ibn abī Usaibi'a, 'Uyūn al-anbā': II p. 128,15-22 Müller

1 προορώμενα y: sec. Nic. (prouidens) corr. Bas. 2 ὧ 'Eπίγενες om, Nic. γ e seclusi ούδεν ετόλμησε τις Μ 3 1ε' y: numerum plenius scripsi φέντα] que dixerunt Nic. 7 λέξαι y: enarrare Nic.: corr. Bas. 8 προσθεϊναι M 9 διηγούμενοι y: sec. Nic. (ignorantes) corr. Bas. 10 γράψαι y: querunt Nic.: corr. Bas. 10 sq. τῶν ἀρτηριῶν τοὺς σφυγμοὺς... σφυζουσῶν y: arteriarum pulsu (pulsibus Nic.") pulsantibus hiis (om. Nic.") amatiue inuenit Nic.: hunc locum difficillimum uerbis Galeni in Commentario I In Hippocratis Prognosticum (CMG V 9,2, p. 218,19) collatis correxi 12 καl – παλλακῆς om. Nic., sec. quem secl. Guinther, Bas. παλακής L 15 Παρεκλήθην μέν] παρεκλήθημεν y: sec. Nic. (uocatus fui) corr. Schöne ἐπίσχεσιν y: sec. Nic. (ut uisitarem) corr. Bas. 16 κατακλήσεως y: sec. Nic. (accubitus) corr. Ald. εύρον y: corr. Corn. 17 αὐτὴν 19 ἐνδεικνυμένην y: se ostendens Nic.: corr. Chart. 18 συμβαινούσης Μ 20 σκεπάσασαν L

whom I dictated all my demonstration and argument without troubling to see whether they were going to be widely distributed. To this 21 very day, Epigenes, no one has dared to contradict them, although fifteen years have elapsed: many have schemed to contradict them simply for the fame of contradicting them, although they have not dared to defend their writings in a trial before intellectuals.

6. My next story funds the promise I made earlier and also fits my present argument, especially since some of the sophistic doctors, not knowing on what grounds E asistratus discovered the young man's love for his father's concubine, have suggested that he found the arteries pulsating madly with love, although they cannot yet bear to say that this was discovered through his pulse beats. Just how Erasistratus found this out I cannot say: but I shall tell you how I did so.

I was called in to see a woman who was said to lie awake at night, 2 constantly tossing from one position to another. When I found that she was not suffering from fever, I asked about each of the details that had happened to her from which we know the presence of insomnia. She replied hesitantly or not at all, as if to show the folly of such 3 questions, and finally turned over, buried herself completely deep in the blankets, covered her head with a small wrap and lay there as if wanting to sleep. On my departure I decided she was suffering from 4