

# The Project Gutenberg eBook of *Dissertatio medica inauguralis de ictero*, by William Macoubrey

This ebook is for the use of anyone anywhere in the United States and most other parts of the world at no cost and with almost no restrictions whatsoever. You may copy it, give it away or re-use it under the terms of the Project Gutenberg License included with this ebook or online at [www.gutenberg.org](http://www.gutenberg.org). If you are not located in the United States, you'll have to check the laws of the country where you are located before using this eBook.

Title: *Dissertatio medica inauguralis de ictero*

Author: William Macoubrey

Release date: July 17, 2016 [EBook #52593]

Language: Latin

\*\*\* START OF THE PROJECT GUTENBERG EBOOK DISSERTATIO MEDICA INAUGURALIS DE ICTERO \*\*\*

Transcribed from the 1825 edition by David Price, email [ccx074@pglaf.org](mailto:ccx074@pglaf.org)

## DISSERTATIO MEDICA INAUGURALIS, DE ICTERO.

---

Auctore GUILIELMO MACOUBREY.

---

ICTERUS, de quo scribere mihi proposui, morbus est ex antiquo tempore medicinæ notus. CELSUS, medicus Romanorum præclarus, familiariter de eo disseruit, clareque eum delineavit. Pars corporis autem quam occupat scriptori ei patefacta non fuit; si ex silentio ejus fas sit judicare.

Seculorum experientia desideratum id nobis expsuit. Atque hodie certum est, ductus ad intestina bilem vehentes, et duodenum, sedes esse morbi.

p. 2

Indicia morbi hæc sunt: cutis et oculorum flavedo, fæces argillaceæ spissitatis propriæ, sensus in stomacho satietatis gravis, dolor ex pressu et post cibum, sitis assidua, vomitus, spiritus difficultas, singultus frequens, membrorum resolutio, corporis totius languor maximeque intestinorum, et urina rubicundula, lintea colore luteo tingens. Hæc signa sunt quæ morbum in genere designant, nonnunquam autem nonnulla eorum desunt; morbusque noster, sicut alii, multis varietatibus obnoxius est.

Hæc variatio morborum est, quæ artem Hippocraticam, medicinæ tironi, tam difficilem reddit; quæ super causas abditas velum pandit, solo experientiæ oculo penetrandum; et quæ ei, qui scientia artis scripta exhausta, eam applicare aggreditur, studium ejus omne vanum esse, persuadet; sapientiamque colligendam esse, non tantum ex scriptis, sed etiam ex paginis latis Naturæ.

In Ictero difficultas hæc non multum tenet: cutis flava, defectusque in fæcibus bilis, satis illum denotant, et symptomata hæc semper adsunt. "Color autem eum morbum detegit, maxime oculorum, in quibus, quod album esse debet, fit luteum."—CELS.

p. 3

Divisio, quam in hac re tractanda sequi volo, hæc est. *Primo*, Morbi causas scrutari: *Secundo*, Effectus ejus: *Tertio*, Modos quibus amovendi sunt.

SECT. I.—Secundum opiniones hodie maxime receptas causæ proximæ icteri sunt, obstructio ductus hepatici, ductus cystici, aut ductus communis choledoci, per calculum biliarem; tumorem hepatis aliusve partis; vel per ductus ipsius constrictionem spasmodicam; et præterea bilem in

duodeno collectam morbum inducere, alii dicunt.

Calculi præsentia causa frequentissima certe est, ideoque locum primum postulat. Sæpissime calculi in vesica biliari, sed non semper, formantur; in ductu hepatico interdum enim apparent. Morbus, ex obstructione ductus cystici oriens, multum differt ab eo, ductus hepatici, aut ductus communis choledoci obstructione, effecto. In illo flavedo multa, ac vomitus adsunt. In his duobus, multo minus apparent. In omnibus, intestinorum torpor fæcesque argillaceæ adsunt.

Flavedo effectus est bilis in constitutionem absorptæ. Secretione omni hepatis per ductum hepaticum transeunte, sequitur, ut ductu eo clauso, haud multum bilis absorbi posset, eum hepar in re tali munus brevi tantum impleret. Vomitus qui fluxu in stomachum bilis factus est, aut in duodeno ejusdem irritatione, etiam afforet. Sed torpor intestinorum, et color fæcum proprius, inopia in intestinis bilis producti, necessarie occurrunt.

p. 4

In ductu hepatico attamen calculus raro fit. Quod ibi bilis non longum permanet, et quod ei, illic, non ea natura est ut depositum faceret. In vesica fellis frequentissimi sunt, unde in ductum cysticum progrediuntur. Bilis, per intervallum non breve, in vesica remanens spissa fit, ita ut facile depositum formet. Cum ab hac causa morbus exoritur, vomitus frequenter incidit, et cutis color plane ostenditur flavus.

Fac igitur calculum in vesica formatum ductum claudere, quid accedit? Primo nec bilis in visicam intrare, nec ab eadem exire potest. Vas hec autem munus non desinit implere, et partes aquosas ex bile contenta absorbere perstat, quæ aptior sic concreta formare, morbumque proferre reddetur. Secundo hepate adhuc bilem secernente, quantitas in duodenum fusa major erit, ut nihil ab ea detractum est vesica. Sed bilis ea non satis potens sine actione vesicæ, intestina stimulare nequit, statque digestio. Fæces in intestina stagnant, et paulo post corpus totum languore ejus inficitur. Bilis hepatica in duodeno congregitur, unde in constitutionem absorpta, cutem oculosque color ejus luteo tam morbi characteristico tingit. Pars hujus in stomachum per pylorum transit, id viscus irritat, vomitumque causat, qui tam communiter occurrit.

p. 5

Concretum per ductum hepaticum aut cysticum quandoque laborat; in ductu tamen communi choledoco hæret. Species hæc morbi similis foret ei in ductu hepatico orienti; at eam, distensionis inflammationisque dolor ductus, fere distinguit.

Causa secunda quam memoravi accumulatio est bilis in duodeno. Doctor CULLEN de hac causa sic locutus est. "How far the latter cause can take place, or in what circumstances it does occur, I cannot clearly ascertain; and I apprehend, that jaundice is seldom produced in that manner." Nunc opinioni cedens illius viri celeberrimi omne quod debet, clare mihi videtur quomodo evenire posset. Primo fieri posset fæcibus in intestinis confertis, quæ exitum bilis obstant; et sic mentis demissæ homines videmus, per intestinorum stipationem factæ, vel forsitan eam facientis, morbo huic obnoxios. Ita ut, animi anxietas inter causas icteri posita est. Secundo, oriri posset ex bilis ipsius conditione mala, in qua, (ut evenit ductu cystico clauso) actionem intestinorum excitare nequit. Conditio talis, ab vesicæ aut hepatis ipsius morbo, aut etiam ab decompositione bilis, oriri posset.

p. 6

Causa alia icteri, constrictio est spasmodica quorundam ductuum. Hæc causa haud certa est, et profecto raro fit. De statu animi pendere supposita est.

Antequam partem hanc rei dimittam, animos intendere forsitan nos oportet causæ per vulgus late creditæ, qui opinantur icterum exesis cum fastidio magno oriri, vel etiam ex iis cum fastidio visis. Dictumque fastidii magni in opinionem conditum est "dare icterum."

Modus operandi hujus causæ visu haud facile est. Potestne contractio vel in se retractio totius corporis per fastidium excitata, sic alicui ductuum impertita sit, ut constrictionem ejus spasmodicam faceret? aut hepar an sic afficit, ut actionem ejus morbidam redderet, et bilem per id secretam imperfectam, nimisque debilem munus implere? Opinantur multi medicorum celeberrimorum, et inter eos BICHAT, multitudinem sensuum animique affectuum hepatis pertinere; et certe non sine causa sic putant.

p. 7

SECT. II.—Causis jam expositis quæ morbum inducere saltem plerumque videntur, effectus ejus, ut initio mihi proposui, considerare progredior.

Icterus, hominibus qui existimant eum in flavedine cutis consistere tantum, momenti minimi videbitur morbus. Sed iis qui opinantur, eo negatum esse corpori principium sine quo vita non longum durare potest, notio accurata erit periculi quod ex eo manat. Si bilis obstructio perfecta fuerit, nisi adhibeantur alvum solvere actionemque corporis sustinere remedia, mors pede festina aderit. Tamen ab bilis mero defectu occurrit rarissime mors. Effectus fere orientes supra, ut symptomata per quæ morbus distinguitur, dicti sunt. Ideoque nunc de paucis magnis, ab eo quandoque, nascentibus, tantummodo dicam.

Ductuum inflammatio gravis, vel etiara vesicæ biliaris, eventus est quem medici maxime timere videntur. Eam ad multum posse, si concretum magnum sit vel asperum, planum est. Et omnia inflammationis sequentia adesse possent, etiam partis affectæ destructio. Doctor THOMAS, in libro ejus de Medicinæ Praxi, casum consternantem dat vesicæ inflammationis quo per tumorem prope umbilicum calculi evaserunt, fistula inter eum vesicamque bilarem formata.

p. 8

Febris satit vehemens in ictero nonnunquam incidit, et forsitan inflammatione ob præsentiam calculi orienti; forsitan a congestu in intestinis fæcum; vel etiam a bile in constitutione

accumulata excitatur.

Cum longum extiterit morbus, tumores aquosi corporis, et nonnunquam ascites, eum sequuntur.

SECT. III.—Causis nunc scrutatis effectibusque tractatis morbi hujus, ad ultimam maximamque rei nostri portionem provehimur; modos per quos amovendi sunt.

Modis medendi semper ad causas morbum producentes, et ad symptomata comitantia respicientibus, sic eos considerabo. Et in eo, ordinem quam secutus sum in causis exponendis, pergam sequi; sed primo observationem hanc generalem præferam, ad species omnes æque referentem; medicus res duas in medendo ante oculos habere debet: Primo, morbum et sequelas ejus extirpare: Secundo, ne redeat curare.

p. 9

Ictero orto ab calculo in ductibus aut vesica formato, curatio tentatur per modos duos, expulsionem calculi solutionemque ejus: primus autem gradus est intestinorum expurgatio, quæ ægrum levat effectu bilis in duodeno accumulatae si fuerit id; eum certe levat alvi astrictione, actionemque corpori dat.

Ratione ea, purgantia calculum detrahere prodesse nonnulli putaverunt; at si iis effectus talis sit, præcipue in causa est, compressio in fæcibus demittendis facta; nonnihil in actionem quam inter operationem excitant pendet, et aliquid forsitan in absorptionem evacuatione productam; magna hæc tamen non posse.

Emetica, in expulsionem calculorum a vesica aut ductibus, fidem maximam obtinuerunt. Id optatum vim eorem proferre, dubitari non potest. Ieteri exempla multa sunt, ab causa hac orti, emeticis sanata, modo prudenti administratis.

p. 10

Suspicata sunt agere, primo, per nauseam excitatam. Notum est experientia aliquorum principum qui artem medicinæ excoluerunt, inter nauseam absorptionem maximam esse. Sic calculum diminuere, eumque probabiliter laxare possent. Effectus alter nausæ inflammationem allevare est. Ea tamen quæ pro eventu nostro potentissima est, relaxatio est quam causat nausea, quæ ductum dilatando calculi descensum faciliat.

Secundo, inter vomendum, per ductum urgeretur calculus, visceribus abdominalibus compressum, stomacho expellere quod habet, levatis. Hic certe modus est princeps in quo remedia hæc prosunt. Opus est cavere in usu eorum; nam si calculus in uno ductum fixus magnus sit, vi vomitus idem rumpi posset: aut si id non inciderit, inflammatio vehemens sequeretur.

Sanguinis detractio adjuvat, præterea, concreti descensum, non solum inflammationem levando; sed etiam absorptionem augendo, ductumque relaxando.

Thermæ auxilium est excellens venæsectionis, et mire potens dolorem levare; maxime tamen fructum affert, cum morbus a spasmo ductus ortus sit.

p. 11

Remedia hæc principia sunt, per quæ calculi descensus coactus sit, vel facilius fiat. Via altera per quam morbi speciei hujus curatio conatur, parum hodie tentatur. Non multum creditur (ut scientia nunc se habet), solventia ad punctum internum convehi posse, in mole sanguinis, tam pura et in quantitate tam magna quam potentia aliquid chymicæ exercerent. Olim antequam re mediorum vires tam austere investigatae sunt, aut tam bene notæ; solventibus utebantur fere medici. Exercitatio in Gallia secuta præcipue per Dominum DURANDE tentare ea persuaderet, saltem cum certiora alia defuerint. Remedia quæ adhibet ille, Æther Sulphuricus nempe, et Oleum Terebinthinæ, calculum extra corpus certe solvunt, ut Doctor DARWIN confirmavit: sed minime credibile est, id perfici posse in ductu cystico.

Quum tumores hepatis partiumve vicinarum, obstructionem ductus effecti sint, spes morbum amovendi fere abest: eamque rem in causa esse horrendum est, si affectio hæc ex morbis diu præsentibus orta fuerit, iisque, præcipue, viscera obstructa exhibentibus. In re tali tumorem hydrargyri usu discutere conandum est.

p. 12

Si morbus ex constrictione ductus spasmodica ortus fuerit, quod tamen raro accidere putatur, tunc ad remedia spasmo solvendo propria, uti venæsectionem, balneum calidum, fomenta calida, confugiendum est. In hoc loco, ut mihi videtur, ponendus est casus a Doctore DARWIN sanatus, qui sequitur. Vir annos circiter quadraginta quinque natus, per hebdomadas sex sub ictero, sed sine dolore, nausea, vomitu, aut febre laborarat, et seriem pene omnem remediorum in hoc morbo communium, emeticorum nempe, purgantium, mercurialium, medicamentorum amarorum, tonicorum et stimulantium, sine fructu percurrerat. Ratus igitur ia hoc ægro morbum ex ductus choledoci communis paralyti procedere, effectum electricitatis tentare decrevit; ideoque impetus electricos fortes per hepar ductumque impelli fecit. Primo die fæces luteæ dejectæ sunt; impetusque electrici per paucos dies repetiti, symptomata morbi omnia devicerunt. Hic casus, ut mihi apparet, ex quodam spasmo, vel obstructione ductus peculiari, ortus est; quomodo enim potuit paralyti exitum bilis prohibere? Ex ea historia tamen colligimus, electricitatem non semper negligendam esse.

p. 13

Species nunc consideranda ea est ex bili in duodeno accumulata oriens. In hac purgantia præcipue prosunt, maximamque fiduciam merentur. Quacunque a causa orta fuerit, vel quibuslibet rebus comitantibus, hoc certe planum est; primum salutis gradum in bilem cumulatam removendo constare; etiamque patet, canalem intestinam viam esse per quam

removenda est. Hac re facta, remanet corpus tonicorum usu roborare, cibo nutriente facillique concoctu, exercitatione modica, equitatione præcipue, denique usu aquarum chalybeatarum. Si bilis ipsius natura in causa sit, parum credo fieri potest, quiddam, tamen conandum est.

Intestinorum actio purgantibus promovenda est; diæcta nutriens et concoctu facilis usurpanda est; et omne denique corpori roborando, actionemque viscerum excitando, adhibere necesse est, uti tonica, exercitationem, et colloquium amœnum. Animus contentus in omni corporis morbo, sed præ aliis in Ictero, valetudini maxime conducit.

p. 14

Adhuc hunc morbum uti abstractum totum, ex corpore eradicandum, consideravi. Sed per cursum ejus, nonnunquam necesse est medico attentionem ejus ad symptomata a morbo distincta, tametsi ex eodem orientia, adhibere. In parte priori hujus tractamentis notavi, horum præcipua esse inflammationem ductus, aut vesicæ fellis ex concretionibus ibi infixis, orientem. Inflammatio hic eodem modo tractanda est ac in aliis corporis partibus, nempe, sanguinis detractio generali, aut topica, prout res postulent, balneis calidis, fomentis calidis parti dolenti applicatis, purgantibus, medicamentis nauseantibus; vomitus autem certe præcavendus est, uti malum sæpe gravius redditurus.

Febris nonnunquam est etiam sequela; cum oriatur, purgantia atque diaphoretica adhibenda sunt. Si symptomata sint violentia, ægerque robustus et plethoricus, sanguinis detractio usui foret.

Anasarca et Ascites, raro, ut mihi videtur, in Ictero causam habent; sed si aliquando habeant, remedia earum propria usurpare licet.

p. 15

Ex omnibus autem symptomatis in hoc morbo occurrentibus, difficultatem maximam affert vomitus. Si enim, quod haud raro accidit, ventriculus omnia ingesta rejiciat; "hic labor hoc opus est." Si bilis eo ex duodeno fluens in causa sit, vomitum paululum promovere licet, emetici lenis exhibitione; post cujus operationem, haustus salini, et etiam sedantia, si necesse, adhibenda sunt. Simil ac ventriculus his remediis in ditionem redigatur, purgantibus fortibus, et pro re nata repetitis opus sit, eoque modo duodeno dapleto, reditus hujus symptomatis difficilis præcaveatur.

Sequela icteri altera diarrhœa, quæ morbum sæpe moderans, aut etiam efferens, haud temere prohibenda est. Quum autem in modum redigere necesse sit, hoc caute atque lente nos oportet facere; sæpe enim ut ait poëta, "Incidit in Scyllam qui vult vitare Charybdim."

Labore jam peracto quem mihi initio proposui; causis scrutatis, effectibusque icteri consideratis, modisque expositis, per quos illæ extirpatæ, et hi sanati sunt; forsitan me oportet, sine re altera, finire. At nonnullis videatur ut de modo, quo eam perfeci, dicerem. Alii generalem esse, alii non ei novitatem esse, ei objicant. Primum horum objectorum evitasse, opus molis non magnæ fuisset. Historiam morbi ab auctore primo qui eum attigit usque ad tempora nostra persequi; et folia, de viribus suppositis rerum haud raro inertium, quibus freta ignorantia nisa est morbum curare, oblinire potuissem. Sed in impressione sumptus inutilis factus fuisset, lectionisque professorem inutiliter tæduisset, cui fuisset examinatio. Objecto secundo sic responderem, novitatem verumque in re nota, secum pugnantia; et novas in arte res, non a tirone, sed medico in medicina sero, expectandas esse. Non mihi erat in animo alios docere; sed artis medicinæ principiorum scientiam, me ipsum obtinuisse, experimentum dare.

p. 16

FINIS.

\*\*\* END OF THE PROJECT GUTENBERG EBOOK DISSERTATIO MEDICA INAUGURALIS DE ICTERO \*\*\*

Updated editions will replace the previous one—the old editions will be renamed.

Creating the works from print editions not protected by U.S. copyright law means that no one owns a United States copyright in these works, so the Foundation (and you!) can copy and distribute it in the United States without permission and without paying copyright royalties. Special rules, set forth in the General Terms of Use part of this license, apply to copying and distributing Project Gutenberg™ electronic works to protect the PROJECT GUTENBERG™ concept and trademark. Project Gutenberg is a registered trademark, and may not be used if you charge for an eBook, except by following the terms of the trademark license, including paying royalties for use of the Project Gutenberg trademark. If you do not charge anything for copies of this eBook, complying with the trademark license is very easy. You may use this eBook for nearly any purpose such as creation of derivative works, reports, performances and research. Project Gutenberg eBooks may be modified and printed and given away—you may do practically ANYTHING in the United States with eBooks not protected by U.S. copyright law. Redistribution is subject to the trademark license, especially commercial redistribution.

START: FULL LICENSE  
THE FULL PROJECT GUTENBERG LICENSE

To protect the Project Gutenberg™ mission of promoting the free distribution of electronic works, by using or distributing this work (or any other work associated in any way with the phrase “Project Gutenberg”), you agree to comply with all the terms of the Full Project Gutenberg™ License available with this file or online at [www.gutenberg.org/license](http://www.gutenberg.org/license).

## **Section 1. General Terms of Use and Redistributing Project Gutenberg™ electronic works**

1.A. By reading or using any part of this Project Gutenberg™ electronic work, you indicate that you have read, understand, agree to and accept all the terms of this license and intellectual property (trademark/copyright) agreement. If you do not agree to abide by all the terms of this agreement, you must cease using and return or destroy all copies of Project Gutenberg™ electronic works in your possession. If you paid a fee for obtaining a copy of or access to a Project Gutenberg™ electronic work and you do not agree to be bound by the terms of this agreement, you may obtain a refund from the person or entity to whom you paid the fee as set forth in paragraph 1.E.8.

1.B. “Project Gutenberg” is a registered trademark. It may only be used on or associated in any way with an electronic work by people who agree to be bound by the terms of this agreement. There are a few things that you can do with most Project Gutenberg™ electronic works even without complying with the full terms of this agreement. See paragraph 1.C below. There are a lot of things you can do with Project Gutenberg™ electronic works if you follow the terms of this agreement and help preserve free future access to Project Gutenberg™ electronic works. See paragraph 1.E below.

1.C. The Project Gutenberg Literary Archive Foundation (“the Foundation” or PGLAF), owns a compilation copyright in the collection of Project Gutenberg™ electronic works. Nearly all the individual works in the collection are in the public domain in the United States. If an individual work is unprotected by copyright law in the United States and you are located in the United States, we do not claim a right to prevent you from copying, distributing, performing, displaying or creating derivative works based on the work as long as all references to Project Gutenberg are removed. Of course, we hope that you will support the Project Gutenberg™ mission of promoting free access to electronic works by freely sharing Project Gutenberg™ works in compliance with the terms of this agreement for keeping the Project Gutenberg™ name associated with the work. You can easily comply with the terms of this agreement by keeping this work in the same format with its attached full Project Gutenberg™ License when you share it without charge with others.

1.D. The copyright laws of the place where you are located also govern what you can do with this work. Copyright laws in most countries are in a constant state of change. If you are outside the United States, check the laws of your country in addition to the terms of this agreement before downloading, copying, displaying, performing, distributing or creating derivative works based on this work or any other Project Gutenberg™ work. The Foundation makes no representations concerning the copyright status of any work in any country other than the United States.

1.E. Unless you have removed all references to Project Gutenberg:

1.E.1. The following sentence, with active links to, or other immediate access to, the full Project Gutenberg™ License must appear prominently whenever any copy of a Project Gutenberg™ work (any work on which the phrase “Project Gutenberg” appears, or with which the phrase “Project Gutenberg” is associated) is accessed, displayed, performed, viewed, copied or distributed:

This eBook is for the use of anyone anywhere in the United States and most other parts of the world at no cost and with almost no restrictions whatsoever. You may copy it, give it away or re-use it under the terms of the Project Gutenberg License included with this eBook or online at [www.gutenberg.org](http://www.gutenberg.org). If you are not located in the United States, you will have to check the laws of the country where you are located before using this eBook.

1.E.2. If an individual Project Gutenberg™ electronic work is derived from texts not protected by U.S. copyright law (does not contain a notice indicating that it is posted with permission of the copyright holder), the work can be copied and distributed to anyone in the United States without paying any fees or charges. If you are redistributing or providing access to a work with the phrase “Project Gutenberg” associated with or appearing on the work, you must comply either with the requirements of paragraphs 1.E.1 through 1.E.7 or obtain permission for the use of the work and the Project Gutenberg™ trademark as set forth in paragraphs 1.E.8 or 1.E.9.

1.E.3. If an individual Project Gutenberg™ electronic work is posted with the permission of the copyright holder, your use and distribution must comply with both paragraphs 1.E.1 through 1.E.7 and any additional terms imposed by the copyright holder. Additional terms will be linked to the Project Gutenberg™ License for all works posted with the permission of

the copyright holder found at the beginning of this work.

1.E.4. Do not unlink or detach or remove the full Project Gutenberg™ License terms from this work, or any files containing a part of this work or any other work associated with Project Gutenberg™.

1.E.5. Do not copy, display, perform, distribute or redistribute this electronic work, or any part of this electronic work, without prominently displaying the sentence set forth in paragraph 1.E.1 with active links or immediate access to the full terms of the Project Gutenberg™ License.

1.E.6. You may convert to and distribute this work in any binary, compressed, marked up, nonproprietary or proprietary form, including any word processing or hypertext form. However, if you provide access to or distribute copies of a Project Gutenberg™ work in a format other than “Plain Vanilla ASCII” or other format used in the official version posted on the official Project Gutenberg™ website (www.gutenberg.org), you must, at no additional cost, fee or expense to the user, provide a copy, a means of exporting a copy, or a means of obtaining a copy upon request, of the work in its original “Plain Vanilla ASCII” or other form. Any alternate format must include the full Project Gutenberg™ License as specified in paragraph 1.E.1.

1.E.7. Do not charge a fee for access to, viewing, displaying, performing, copying or distributing any Project Gutenberg™ works unless you comply with paragraph 1.E.8 or 1.E.9.

1.E.8. You may charge a reasonable fee for copies of or providing access to or distributing Project Gutenberg™ electronic works provided that:

- You pay a royalty fee of 20% of the gross profits you derive from the use of Project Gutenberg™ works calculated using the method you already use to calculate your applicable taxes. The fee is owed to the owner of the Project Gutenberg™ trademark, but he has agreed to donate royalties under this paragraph to the Project Gutenberg Literary Archive Foundation. Royalty payments must be paid within 60 days following each date on which you prepare (or are legally required to prepare) your periodic tax returns. Royalty payments should be clearly marked as such and sent to the Project Gutenberg Literary Archive Foundation at the address specified in Section 4, “Information about donations to the Project Gutenberg Literary Archive Foundation.”
- You provide a full refund of any money paid by a user who notifies you in writing (or by e-mail) within 30 days of receipt that s/he does not agree to the terms of the full Project Gutenberg™ License. You must require such a user to return or destroy all copies of the works possessed in a physical medium and discontinue all use of and all access to other copies of Project Gutenberg™ works.
- You provide, in accordance with paragraph 1.F.3, a full refund of any money paid for a work or a replacement copy, if a defect in the electronic work is discovered and reported to you within 90 days of receipt of the work.
- You comply with all other terms of this agreement for free distribution of Project Gutenberg™ works.

1.E.9. If you wish to charge a fee or distribute a Project Gutenberg™ electronic work or group of works on different terms than are set forth in this agreement, you must obtain permission in writing from the Project Gutenberg Literary Archive Foundation, the manager of the Project Gutenberg™ trademark. Contact the Foundation as set forth in Section 3 below.

1.F.

1.F.1. Project Gutenberg volunteers and employees expend considerable effort to identify, do copyright research on, transcribe and proofread works not protected by U.S. copyright law in creating the Project Gutenberg™ collection. Despite these efforts, Project Gutenberg™ electronic works, and the medium on which they may be stored, may contain “Defects,” such as, but not limited to, incomplete, inaccurate or corrupt data, transcription errors, a copyright or other intellectual property infringement, a defective or damaged disk or other medium, a computer virus, or computer codes that damage or cannot be read by your equipment.

1.F.2. LIMITED WARRANTY, DISCLAIMER OF DAMAGES - Except for the “Right of Replacement or Refund” described in paragraph 1.F.3, the Project Gutenberg Literary Archive Foundation, the owner of the Project Gutenberg™ trademark, and any other party distributing a Project Gutenberg™ electronic work under this agreement, disclaim all liability to you for damages, costs and expenses, including legal fees. YOU AGREE THAT YOU HAVE NO REMEDIES FOR NEGLIGENCE, STRICT LIABILITY, BREACH OF WARRANTY OR BREACH OF CONTRACT EXCEPT THOSE PROVIDED IN PARAGRAPH 1.F.3. YOU AGREE THAT THE FOUNDATION, THE TRADEMARK OWNER, AND ANY DISTRIBUTOR UNDER THIS AGREEMENT WILL NOT BE LIABLE TO YOU FOR ACTUAL, DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE OR INCIDENTAL DAMAGES EVEN IF YOU GIVE NOTICE OF

## THE POSSIBILITY OF SUCH DAMAGE.

1.F.3. LIMITED RIGHT OF REPLACEMENT OR REFUND - If you discover a defect in this electronic work within 90 days of receiving it, you can receive a refund of the money (if any) you paid for it by sending a written explanation to the person you received the work from. If you received the work on a physical medium, you must return the medium with your written explanation. The person or entity that provided you with the defective work may elect to provide a replacement copy in lieu of a refund. If you received the work electronically, the person or entity providing it to you may choose to give you a second opportunity to receive the work electronically in lieu of a refund. If the second copy is also defective, you may demand a refund in writing without further opportunities to fix the problem.

1.F.4. Except for the limited right of replacement or refund set forth in paragraph 1.F.3, this work is provided to you 'AS-IS', WITH NO OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.

1.F.5. Some states do not allow disclaimers of certain implied warranties or the exclusion or limitation of certain types of damages. If any disclaimer or limitation set forth in this agreement violates the law of the state applicable to this agreement, the agreement shall be interpreted to make the maximum disclaimer or limitation permitted by the applicable state law. The invalidity or unenforceability of any provision of this agreement shall not void the remaining provisions.

1.F.6. INDEMNITY - You agree to indemnify and hold the Foundation, the trademark owner, any agent or employee of the Foundation, anyone providing copies of Project Gutenberg™ electronic works in accordance with this agreement, and any volunteers associated with the production, promotion and distribution of Project Gutenberg™ electronic works, harmless from all liability, costs and expenses, including legal fees, that arise directly or indirectly from any of the following which you do or cause to occur: (a) distribution of this or any Project Gutenberg™ work, (b) alteration, modification, or additions or deletions to any Project Gutenberg™ work, and (c) any Defect you cause.

## **Section 2. Information about the Mission of Project Gutenberg™**

Project Gutenberg™ is synonymous with the free distribution of electronic works in formats readable by the widest variety of computers including obsolete, old, middle-aged and new computers. It exists because of the efforts of hundreds of volunteers and donations from people in all walks of life.

Volunteers and financial support to provide volunteers with the assistance they need are critical to reaching Project Gutenberg™'s goals and ensuring that the Project Gutenberg™ collection will remain freely available for generations to come. In 2001, the Project Gutenberg Literary Archive Foundation was created to provide a secure and permanent future for Project Gutenberg™ and future generations. To learn more about the Project Gutenberg Literary Archive Foundation and how your efforts and donations can help, see Sections 3 and 4 and the Foundation information page at [www.gutenberg.org](http://www.gutenberg.org).

## **Section 3. Information about the Project Gutenberg Literary Archive Foundation**

The Project Gutenberg Literary Archive Foundation is a non-profit 501(c)(3) educational corporation organized under the laws of the state of Mississippi and granted tax exempt status by the Internal Revenue Service. The Foundation's EIN or federal tax identification number is 64-6221541. Contributions to the Project Gutenberg Literary Archive Foundation are tax deductible to the full extent permitted by U.S. federal laws and your state's laws.

The Foundation's business office is located at 809 North 1500 West, Salt Lake City, UT 84116, (801) 596-1887. Email contact links and up to date contact information can be found at the Foundation's website and official page at [www.gutenberg.org/contact](http://www.gutenberg.org/contact)

## **Section 4. Information about Donations to the Project Gutenberg Literary Archive Foundation**

Project Gutenberg™ depends upon and cannot survive without widespread public support and donations to carry out its mission of increasing the number of public domain and licensed works that can be freely distributed in machine-readable form accessible by the widest array of equipment including outdated equipment. Many small donations (\$1 to \$5,000) are particularly important to maintaining tax exempt status with the IRS.

The Foundation is committed to complying with the laws regulating charities and charitable donations in all 50 states of the United States. Compliance requirements are not uniform and it takes a considerable effort, much paperwork and many fees to meet and keep up with these requirements. We do not solicit donations in locations where we have not received written confirmation of compliance. To SEND DONATIONS or determine the status of compliance for

any particular state visit [www.gutenberg.org/donate](http://www.gutenberg.org/donate).

While we cannot and do not solicit contributions from states where we have not met the solicitation requirements, we know of no prohibition against accepting unsolicited donations from donors in such states who approach us with offers to donate.

International donations are gratefully accepted, but we cannot make any statements concerning tax treatment of donations received from outside the United States. U.S. laws alone swamp our small staff.

Please check the Project Gutenberg web pages for current donation methods and addresses. Donations are accepted in a number of other ways including checks, online payments and credit card donations. To donate, please visit: [www.gutenberg.org/donate](http://www.gutenberg.org/donate)

## **Section 5. General Information About Project Gutenberg™ electronic works**

Professor Michael S. Hart was the originator of the Project Gutenberg™ concept of a library of electronic works that could be freely shared with anyone. For forty years, he produced and distributed Project Gutenberg™ eBooks with only a loose network of volunteer support.

Project Gutenberg™ eBooks are often created from several printed editions, all of which are confirmed as not protected by copyright in the U.S. unless a copyright notice is included. Thus, we do not necessarily keep eBooks in compliance with any particular paper edition.

Most people start at our website which has the main PG search facility: [www.gutenberg.org](http://www.gutenberg.org).

This website includes information about Project Gutenberg™, including how to make donations to the Project Gutenberg Literary Archive Foundation, how to help produce our new eBooks, and how to subscribe to our email newsletter to hear about new eBooks.