

three ounces, Storax strained half an ounce; make a Platter.

Virtues. *It comforts and strengthens the Stomach.*

*Chymical Medicines that are frequently used.*

*Bezoardicum Minerale.*

Melt in hot ashes two ounces of the butter of Antimony, and pour it into a viol or bolt head, drop into it good Spirit of Nitre, until the matter is perfectly dissolved; commonly so much spirit of Nitre is requisite as there is Butter of Antimony; during the dissolution there will rise up vapours, that you must have a care of, and therefore will do well to place the vessel in a Chimney; pour your solution into a glass Body, or an earthen dish, and evaporate it in a gentle Sand-fire, until it is dry, there will remain a white Mass, which you must let cool, then pour upon it two ounces of Spirit of Nitre; set the vessel again in the sand, and evaporate the liquor as before, once more pour two ounces of Spirit of Nitre unto the white Mass, and having evaporated the humidity, increase the fire a little, and Calcine the matter for half an hours time, then take it off the fire and you will have a white-powder, which you must keep in a viol well stoppt.

Virtues. *It is sudorifick, and serves for the same uses as Diaphoretick Antimony.*

Dose. *Is from six to twenty grains, in broth or some proper liquor.*

*Diapho-*

*Diaphoretick Antimony, in Latin, Antimonium Diaphoreticum.*

Powder and mix well together one part of Antimony with three parts of purified Salt Petre, and having heated the Crucible red hot in the coals, cast into it a spoonful of your mixture, you'll hear a noise or detonation, after that is over, cast in another spoonful, and continue to do so, till all your powder is in the Crucible; leave a great fire about it two hours, then throw your matter, which will be white into an earthen pan, almost filled with Fountain water, and leave it a steeping warm ten or twelve hours, that the fixed Salt Petre may dissolve in it; separate the liquor by inclination; wash the white powder that remains at bottom five or six times with warm water, and dry it. This is called *Diaphoretick Antimony*.

*Virtues.* It is good to procure sweat, and to resist poison, for Malignant diseases and the Plague.

*Dose.* It may be given from six grains to thirty, in some proper liquor.

*Liver of Antimony, in Latin, Crocus Metallorum.*

Take a pound of Antimony, and so much Salt Petre, powder them and mix them well together; put this mixture into an Iron Mortar, and cover it with a tyle, leave an open place nevertheless, through which you may convey a coal of fire, and take it out again, the matter will flame, and cause a great detonation, which being over and the Mortar growing cold, strike against the bottom, that the matter may

may fall down, then separate the dross with a Hammer from the shining part, which is called Liver of Antimony, to make the Emetick Wine, you must infuse an ounce of the Liver of Antimony, powdered in a quart of white Wine four and twenty hours, and so let it settle. The Dose of this Wine is from half an ounce to two ounces; that which is called Crocus Metallorum, is nothing but the Liver of Antimony washed several times with warm water, and afterwards dried.

*Dose. Is from two to eight grains.*

*Glass of Antimony, in Latin, Vitrum Antimonii.*

Calcine in a small fire a pound of Antimony in powder, in an earthen pot unglazed, stir the matter continually with an Iron Spatula, until vapours arise no longer; but if notwithstanding your stirring, the powder should chance to run to lumps, as it often happens to do; put it into a Mortar and powder it, then calcine it again, and when it will fume no more, and is of a grey colour, put it into a good Crucible covered with a tyle, and set it in a wind furnace, whetein you must make a very violent coal fire round about the Crucible, to the end the matter may melt, about an hour afterwards uncover the Crucible, and put in the end of an Iron rod into it, see whether the matter that sticks to it is become Diaphanous; if it be, pour it upon a marble well warmed, it will congeal, and you'll have the glass of Antimony which you must let cool, and so keep it for use.

*Virtues. It is of it self the most violent Vomit that is made of Antimony.*

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*Dose.*

*Dose.* It is given in substance from two grains to six.

The following Vomitive Pill was frequently used with excellent success, by a famous Mountebank in England.

Take of Glass of Antimony powdred, and Cream of Tartar, each one ounce, with a sufficient quantity of common Treacle, make Pills of the bigness of a large pease; sprinkle them with fine wheaten Flower; one is a Dose.

### *Mercurius Vitæ.*

Melt in a hot sand Butter of Antimony, made in the following manner, powder and mix six ounces of Regulus of Antimony, with a pound of Sublimat Corrosive, put this mixture into a glass Retort, whose half remains empty, set your Retort in sand, and after having fitted to it a receiver, and luted the junctures; you must first make a small fire under it, and there will distil a clear Oyl, after that augment the fire a little, and there will come forth a white thick liquor like Butter, which will stop the neck of the Retort and break it, if you did not take care to set the live coals near it, that it may melt and run into the Receiver, continue the fire, until you see a red vapour come forth; then take away the Receiver and put another in its place filled with water: Increase the fire by degrees, to make the Retort red hot, and the Mercury will run into the water; dry it and keep it for use as other Mercuries.

*Virtues.* The Butter of Antimony is Caustick.

Melt.

Melt, as I said before, the Butter of Antimony, pour it into an earthen pan, wherein are two or three quarts of warm water, a white powder will precipitate, which must be sweetened with many lotions, and then kept for use. It is improperly called *Mercurius Vita*.

*Virtaes.* It purges strongly upwards and downwards.

*Dose.* It may be taken from two grains to eight, in broth or some proper liquor.

*Common Regulus of Antimony, in Latin, Regulus Antimonii.*

Take sixteen ounces of Antimony, twelve ounces of crude Tartar, and six ounces of Salt Petre purified, powder them and mix them well together, then heat a large Crucible red hot, throw into it a spoonful of your mixture, and cover it with a tyle until the detonation is over, continue to throw into the Crucible spoonfuls of this mixture, one after another, until all of it is spent, then light a great fire about it, and when the matter has been some time in fusion, pour it into a Mortar or an Iron mould greased with Suet and heated; then strike the sides of the said Mould or Mortar with Tonges, to make the Regulus precipitate to the bottom; when it is cold, separate it from the dross that remains at the top of it with a hammer, and after you have powdred it, melt it in another Crucible, then throw into it a little Salt-Petre, there will rise some little flame from it; then pour out the matter into an Iron Mortar well cleansed and greased, let it cool, and you have four ounces and an half of Regulus; if you melt it over again, and form it

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into balls of the bigness of a Pill, you have a perpetual Pill; that is to say, such as being taken and voided fifty times, will purge every time, yet there is hardly any sensible diminution. This Regulus is melted in a Crucible, and then cast into Moulds to make Cups, but it is somewhat hard to do it, by reason of a sharpness in the Regulus, that hinders its parts from uniting, so as to spread well; if you put white Wine in these Cups, it will Vomit like the Emetick Wine.

*Cinnabar of Antimony, in Latin, Cinnabaris Antimonii.*

Fill a Retort half full of Sublimate Corrosive and Antimony, powdred and mixed well together, set the Retort in Sand, in a small Furnace, and fitting a receiver to it, and luting the junctures, proceed in the Distillation, in the same manner as I shewed in making Butter of Antimony. When the red vapours begin to appear, take away the Receiver and put another in its place, without luting the junctures, increase the fire by little and little, till you make the Retort red hot; continue it so three or four hours, then let the Retort cool and break it, you'll find a Cinnabar Sublimed, and adhering to the neck; separate it, and keep it.

*Virtues.* It is a good Remedy for the Pox, and falling sickness, it forces sweat.

*Dose.* It may be given from six to fifteen grains.

*Note.* The Butter of Antimony distilled in the first part of this Operation is Caustick, like the other before described.

*Mercury*

and the fuliginous that lies in the neck of the Viols; and keep the sublimat that is in the middle; for it is sufficiently dulcified.

*Virtues.* It is used for all sorts of venereal diseases, it opens obstructions, and kills worms; it purges gently by stool.

*Dose.* It may be given from six to thirty grains, in Pills or the like.

*White precipitat, in Latin, Mercurius præcipitatus albus.*

Dissolve in a glass Cucurbit sixteen ounces of Mercury revived from Cinnabar, with eighteen or twenty ounces of Spirit of Nitre; when the dissolution is made, pour upon it salt water filtrated, made of ten ounces of Sea salt, in two quarts of water, add to this about half an ounce of the volatile Spirit of Sal Armoniack, there will precipitate a very white powder, that you must leave for a sufficient time to settle, then having poured off the water by inclination, wash it several times with Fountain water, and dry it in the shade.

*Virtues.* It is used to raise a flux with, and to cure tetters and the itch.

*Dose.* It may be given inwardly from four to fifteen grains in Pills; when it is used outwardly, a dram or two drms of it may be mixed with an ounce of Pomatum.

*Red Precipitat, in Latin, Mercurius præcipitatus Ruber.*

Take eight ounces of Mercury revived from Cinnabar, dissolve it in eight or nine ounces of Spi-

ris of Nitre; pour the dissolution into a Viol or Matraſs with a ſhort neck, ſet it in ſand and evaporate all the moiſture with a gentle heat, until there remains a white Maſs, then quicken the fire by little and little to the third degree, and keep it in this condition till all your matter is turned red; then take it off the fire, let the Viol cool, and break it to obtain your Precipitat, which weighs nine ounces.

*Virtues.* It is a good Eſcharotick, it eats proud fleſh, and is uſed for laying open of Chancres, mixed with burnt Alum, Ægyptiacum, and the common Suppuratives; ſome give four grains of it inwardly to raiſe a flux; but unleſs rectified ſpirit of wine be burnt upon it two or three times, it is dangerous to be given inwardly.

*Turbith Mineral, in Latin, Turpethum Minerale.*

Put four ounces of quickſilver revived from Cinnabar into a glaſs Retort, and pour upon it ſixteen ounces of oyl of Vitriol; ſet your Retort in ſand, and when the Mercury is diſſolved, put fire underneath it, and diſtil the humidity; make the fire ſtrong enough towards the end, to drive out ſome of the laſt Spirit of all; afterwards break the Retort, and powder in a glaſs Mortar, a white Maſs you'll find within it, which weighs five ounces and an half, pour warm water upon it, and the matter will preſently change into a yellow powder which you muſt dulcifie by a great many repeated lotions; then dry it in the ſhade: You'll have three ounces and two drams of it.

*Virtues.*



**Virtues.** *It purges strongly both by vomit and stools it is given in Venereal diseases.*

**Dose.** Six or nine grains of it may be given at a time in Pills.

*Ethiops Mineralis.*

Take of the flowers of Sulphur two parts, of crude Mercury one part, mingle them well together in a glass Mortar, then fire it, and so make a black Powder.

**Virtues.** *It is used in the French Pox, for a drop-sy and for old sores.*

**Dose.** Half a dram of it may be taken night and morning mixed with a little syrup of Gillyflowers, or made into a Bolus with Conserve of Roses, for the space of three weeks, or a month; but it will be convenient to purge once a week, although there is no fear of its fluxing.

*Arcanum Corallinum.*

Put red Precipitat into an earthen pot, and pour upon it Spirit of Wine well rectified, then fire it, and when the Spirit is consumed add more; do so six times.

**Virtues.** *It purges, and sometimes procures a vomit, it opens obstructions, and dissolves a Schirrous, and cures the pox.*

**Dose.** Three or six grains may be given at a time.

*Steel prepared, in Latin, Chalybs præparatus.*

Take of the filings of Steel separated from the filth by a Loadstone, as much as you please, moisten them twelve times with sharpe white Wine Vinegar, and dry them in the sun, or in a dry or warm air, then grind them upon a Porphyry stone, pouring upon them a little Cinnamon water, and let them be reduced to a very fine powder, and kept for use. It may be also prepared by thrusting roles of Brimstone upon red hot Steel, for then it will melt by drops into a Bucket of water placed under it; dry it, and powder it, and keep it for use.

*Virtues.* It is good to open obstructions, and sweeten the blood, and for Hysterick, and Hypochondriack diseases.

*Dose.* Eight or ten grains of it may be taken in a morning, mixed with Conserve of Roman Wormwood, for the space of a month, drinking upon it a good draught of Wormwood Wine or Beer.

*Opening Saffron of Mars, in Latin, Crocus Martis Aperitivus.*

Wash well several Iron Plates, and expose them to the dew for a good while, they will rust, and you must gather up this rust, set the same Plates again to receive the dew, and gather the rust as before; continue to do so till you have gotten enough, this rust is really better then all the preparations of Iron, that is called Crocus.

*Virtues.* It is excellent for obstructions of the Liver, Pancreas, Spleen, and Mesentery; it is used very successfully for the Green Sicknes, stopping of the

*the Courses, Dropsies, and other diseases that proceed from obstructions.*

*Dose.* The same with the former in Lozenges or Pills.

*Astringent Saffron of Mars, in Latin, Crocus Martis Astringens.*

Take equal quantities of filings of Steel and Sulphur powdred, mix them together, and make them into a Paste with water; put this past into an earthen pan, and leave it a fermenting four or five hours, after which put the Pan over a good fire, and stir the matter with an Iron Spatula; it will flame, and when the Sulphur is burnt, it will appear black, but continuing a good strong fire, and stirring it about two hours, it will be of a very red colour, then wash it five or six times in strong Vinegar, leaving it to steep an hour at a time, then Calcine it in a pot, or upon a tyle in a great fire five or six hours, after that let it cool, and keep it for use.

*Virtues.* It stops a loofness, the immoderate fluxes of the Hemorrhoids and Courses

*Dose.* A scruple or a dram may be taken a time in Lozenges or Pills.

*Salt or Vitriol of Mars, in Latin, Sal Martis.*

Take a clean frying pan, and pour into it an equal weight of Spirit of Wine and oyl of Vitriol; set it for some time in the Sun, and then in the Shade without stirring it; you will find all the liquor incorporated with the Mars, and turned into a Salt that

that you must dry, and then separate from the pan, keep it in a viol well stopt.

*Virtues.* It is an admirable remedy for all diseases that proceed from Obstructions.

*Dose.* Six or twelve grains may be taken at a time, in broath or some proper liquor.

*Note.* Syrup of Steel may be made presently of it in the following manner. Take of salt of Mars two drams, of compound Gentian water one ounce, of altering Syrup of Apples nine ounces; mingle them.

*Volatile Spirit of Sal Armoniac, in Latin,*  
*Spiritus Salis Armoniaci.*

Take eight ounces of Sal Armoniack, and twenty four ounces of Quicklime, powder them apart, and when you have mixed them in a Mortar, pour on them four ounces of water, and put it quickly into a Retort, half whereof must remain empty; set your Retort in a sand Furnace, and fitting to it a great Receiver, and luting the Junctures exactly, begin the distillation without fire for a quarter of an hour; afterwards increase it by little and little, unto the second degree, continue it till nothing more comes forth; take off your Receiver, and pour out the Spirit immediately into a Viol, turning away your head as much as may be, to avoid a very subtle vapour that continually rises from it, stop the bottle close with Wax, to keep the Spirit in; you will have of it five ounces and six drams.

*Virtues.* It is an excellent remedy for all diseases that proceed from obstructions, and corruption of humors, as malignant Fevers, the falling Sickness, Palsy, Plague, and the like; it drives by perspiration or by urine.

*Dose,*

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*Dose.* It may be taken from six drops to twenty, in a glass of Balm or Carduus water.

## *Spirit of Salt, in Latin, Spiritus Salis.*

Dry Salt over a little fire, or else in the Sun; then powder finely two pounds of it, mix it well with six pounds of Potters earth powdered, make up a hard past of this mixture, with as much rain water as is necessary; form it into little pellets of the bigness of a nut, and set them in the Sun a good while a drying; when they are perfectly dry, put them into a large earthen pot, or glass one luted, whereof a third part must remain empty; place this Retort in a reverberatory Furnace, and fit to it a large capacious Receiver, without luting the junctures; give a very moderate heat at first to warm the Retort, and make an insipid water come forth drop by drop; when you perceive some white clouds succeed these drops, pour out that which is in the Receiver, and having refitted it, lute the junctures close, increase the fire by degrees to the last degree of all, and continue it in this condition twelve or fifteen hours, all this while the Receiver will be hot, and full of white clouds; but when it grows cold, and the clouds disappear, the operation is at an end; unlute the Junctures, and you will find the Spirit of Salt in the Receiver; pour it into an earthen or glass bottle, and stop it well with Wax.

*Virtues.* It is an aperitive, and is used in juleps to an agreeable acidity, for such as are subject to the gravel, it is also used to cleanse the teeth, being tempered with a little water, and to consume the rottenness of the bones,

*Sweet*

*Sweet Spirit of Salt, in Latin, Spiritus Salis dulcis.*

Mix equal parts of Spirit of Salt and Spirit of Wine; set them in digestion two or three days in a double vessel, in a gentle sand heat.

*Virtues.* It's esteemed better than the other to be taken inwardly, because it's less corrosive.

*Dose.* It may be given from four to twelve drops in some proper liquor.

*Lapis Medicamentosus.*

Powder and mix together Colcothar, or red Vitriol that remains in the Retort after the Spirit is drawn out, or for want of it, Vitriol calcined to a redness, two ounces of Litharge, Alom, and Bole Armonick, each four ounces; put this mixture into a glazed pot, and pour upon it good Vinegar enough to cover the matter two fingers high, cover the pot, and leave it two days in digestion; then add to it eight ounces of Nitre, two ounces of Sal Armonick, set the pot over the fire, and evaporate all the moisture, Calcine the Mass that remains about half an hour in a strong fire, and keep it for use.

*Virtues.* It is a good remedy to stop the running of the reins, a dram of it being dissolved in eight ounces of Plantain water, or Smiths water to make an injection into the yard: It is also good to cleanse the eyes in the small Pox; seven or eight grains of it must be dissolved in four ounces of Plantain water, or Eye-bright water; it's also good to stop blood, being outwardly applied to wounds.

*Styptic*

*Styptic water, in Latin, Aqua Styptica.*

Take Colcothar, or red Vitriol that remains in the Retort after the Spirit is drawn out, burnt Alum, and Sugar Candy, each half a dram, the urine of some young person, and rose water each half an ounce, Plantain water two ounces; stir them altogether a good while in a Mortar, then pour the mixture into a viol, and when you use it, separate it by inclination.

*Virtues.* If you apply a bolster dipt in this water to an opened artery, and hold your hand a while upon it; it stops the blood. In like manner, you may wet a pledget in it, and thrust it into the nose when an hemorrhage continues too long; taken inwardly it cures spitting of blood, the bloody flux, and the immoderate flux of the Hemorrhoids and Courses.

*Dose.* When 'tis taken inwardly, half a dram or a dram may be given at a time in Knotgras water.

*Spirit of Vitriol, in Latin, Spiritus Vitrioli.*

Fill two thirds of a large earthen Retort, or glals one luted, with Vitriol calcined to whiteness, place it in a close reverberatory Furnace, and fitting to it a great Receiver, give a very small fire to warm the Retort, to make the water come forth, that may still remain in the Vitriol, and when there will distil no more, pour the water out of the Receiver into a bottle; this is called Flegm of Vitriol, it's used in inflammations of the eyes, to wash them with. Refit the Receiver to the neck of the Retort

Retort, and luting the Junctures exactly, increase the fire by degrees, and when you perceive clouds to come forth into the Receiver, continue it in the same condition till the Receiver grows cold, then strengthen the fire with wood to an extream violence until the flame rises through the tunnel of the reverberatory, as big as ones arm, the Receiver will fill again with white clouds, continue the fire after this manner three days, and so many nights, then put it out, unlute the Junctures when the vessels are cold, and pour the Spirit into a glass body, set it in sand, and fit to it quickly a head with its Receiver, lute the junctures close with a wet bladder, and distil with a very gentle fire about four ounces of it; this is the Sulphureous Spirit of Vitriol, keep it in a viol well stopt.

*Virtues.* Its good for an *Asthma, Palsy, and diseases of the lungs.*

*Dose.* Six or ten drops of it may be taken at a time in some convenient liquor.

*Change the receiver, and augmenting the fire, distil about half the liquor that remains in the body, this is called the acid spirit of Vitriol.*

*Virtues.* It's mixed with juleps to give an agreeable acidity.

*That which remains in the body, is the most acid part of the Vitriol, and is improperly called oyl.*

*Virtues.* It may be used like the acid Spirit for continual Fevers, and other diseases that are accompanied with violent heat.

### *Salt of Vitriol, in Latin, Sal Vitrioli.*

Take two or three pounds of Colcothar that remains in the Retort after distillation of the Vitriol,

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let it infuse in eight or ten pints of warm water, for ten or twelve hours; boil it a little while, and then let it settle, separate the water by inclination, and pour new water upon the matter; proceed as before, and mixing your impregnations, evaporate all the moisture in a sand heat, in a glass or earthen vessel, there will remain a Salt at bottom.

*Virtues.* It's used to vomit, it works gently, safely, and quickly.

*Dose.* Half a dram, or a dram of it may be given at a time, dissolved in Posset drink.

*Spirit of Nitre dulcified, in Latin, Spiritus Nitri dulcis.*

Put into a large bolt head eight ounces of good Spirit of Nitre, and so much Spirit of Wine, well deflegmated, set you bolt head in the Chimney, upon a round of Straw; the liquor will grow hot without coming near the fire, and half an hour afterwards or an hour, it will boil very much; have a care of the red vapours that come out a pace at the neck of the bolt head, and when the ebullition is over, you'll find your liquor clear at the bottom, and to have lost half what it was; put it into a glass Retort and lute on a Receiver, distil it off till it is dry, Cohobat it twice, put it into a viol, and keep it for use.

*Virtues.* It is good to expel wind, for the Cholick, and Nephritick pains, Hysterick diseases, and all obstructions, and being added to cordials, it gives them a fragrant smell, and revives the Spirits.

*Dose.* Eight, or ten drops of it may be taken at a time in some proper liquor.

*Spirit*

*Spirit of Wine rectified, in Latin, Spiritus Vini rectificatus.*

Take four Gallons of Brandy, put it into an Alembick, with half a peck of ordinary Salt, or bay Salt well dryed, lute on the head, and make a gentle fire, draw off as long as you find it will burn all away, which you may know by trying a little now and then in a spoon; if it be good Brandy half of it will burn away; this is rectified Spirit of Wine; that which distills after, and will not burn all away, must be kept for other uses.

*Virtues.* It is used in Chymistry, to draw Tinctures and the like, outwardly applied it discusses tumors, and cures burns, if it be presently used.

*Cream of Tartar, in Latin, Cremor Tartari.*

Boil in a great deal of water what quantity of white Tartar you please, until it be all dissolved, pass the liquor hot through Hippocrates's sieve into an earthen vessel, and evaporate about half of it; set the vessel in a cool place two or three days, and you'll find little Crystals on the sides, which you are to separate, evaporate again half the liquor that remains, and remit the vessel to the Cellar as before, there will shoot out new Crystals; continue doing thus till you have gotten all your Tartar.

*Virtues.* Crystal or Cream of Tartar is Aperitive, good for dropsies and asthmatical persons, it is also purgative, but it is most commonly used with other purges to quicken them.

*Dose.*

*Dose.* It may be given from half a dram to three drams in some proper liquor.

Oyl of Tartar *per deliquium* is made by exposing Salt of Tartar in a Cellar, in a wide glass vessel.

*Virtues.* It's used for tetter, and to discuss tumors; Ladies mix it with Lilly water, to clear the complexions, and to cleanse their hands.

Tartar Vitriolated, in Latin, Tartarum Vitriolatum.

Put into a glass body what quantity you please of oyl of Tartar, made by deliquium; pour upon it by little and little rectified Spirit of Vitriol, there will be a great effervescency, continue to drop more in, till there is no further ebullition; then place your Cucurbit in Sand, and evaporate the spirit with a little fire, there will remain a very white Salt; keep it in a viol well stopd.

*Virtues.* It is a good aperitive, and is also a little purgative, it is given in Hypochondriacal cases, the Kings-evil, to open Obstructions, and to force Urine.

*Dose.* It may be given from ten to thirty grains in some proper liquor.

Spirit of Harts horn, in Latin, Spiritus Cornu Cervi.

Take six pound of Hartshorn, it must be broken or sawn an inch long, and split in the middle, put the pieces into a pottle Retort, and place it in a Chappel Furnace, letting your sand be but an inch high

high in the pot, when you put in the Retort, then cover it with sand up to the neck, and lute on a gallon Receiver, then make fire by degrees, *viz.* In the first degree about four hours you may perceive the slegm to drop into the Receiver, increase your fire to the second degree, continue it in that degree for four hours more, and by that time you will perceive the white fumes to come into the Receiver, and the Volatile Salt beginning to shoot, then increase your fire to the third degree, let it continue there two hours, then your Receiver will be full of white fumes, and the Salt will shoot in the form of Stags horns, increase your fire to the fourth degree; continue it there till the fumes cease, and then the distillation is ended.

*Rectification of Spirit of Harts-horn.*

Take off the Receiver, separate the spirit from the oyl by a glass tunnel, which you may do by holding your finger at the bottom of the tunnel, the Spirit will come forth; put the spirit into a tall glass Cucurbit, with the volatile Salt, you may put to it a sheet of brown Paper, to keep the oyl from rising that came with the spirit; lute on an Alembick, and to that a Receiver, set it on a digestive furnace in the second degree, and in an hour or two's time, you'll perceive the Spirit to drop, and the Salt begin to shoot in the head; let it continue there till all the Salt is gone out of the head, which is a true sign that the Spirit is all come over; then take off your Receiver, and if there be any oyl upon the Spirit, separate it as before with a glass tunnel, or with a filter of Cap-

*ps*  
Dose.

paper: If it be not clear from the oyl, it must be rectified again.

*Virtues.* The Spirit is chiefly used for vapours, and for diseases of the head, and is often used outwardly to the nostrils to suppress vapours.

*Dose.* Ten drops of it may be given at bed time in a glass of Canary.

The Volatile Salt of it is frequently given in Cordials to heighten the Pulse when they are languid; four or five grains of it may be given at a time.

*Balsam of Sulphur, in Latin, Balsamum Sulphuris.*

Put into a small Matraass an ounce and an half of flowers of Sulphur, and pour upon it eight ounces of oyl of Turpentine, place your Matraass in sand, and give it a digesting fire two hours; afterwards increase it a little for four hours, and the oyl will take a red colour, let the vessel cool, then separate the clear Balsam from the Sulphur that could not dissolve.

*Virtues.* It is excellent for ulcers of the lungs and breast, it is also used to cleanse ulcers.

*Dose.* Five or six drops of it may be taken at a time in some proper liquor, or mixed with Sugar.

To make the Aniseed Balsam of Sulphur, you must use the oyl drawn from Aniseeds instead of oyl of Turpentine, and proceed as before.

*Virtues.* It is also good for the Lungs.

Flower

*Flower of Sulphur, in Latin, Flos Sulphuris.*

Put about half a pound of Sulphur grossly powdered into a glass body; place it in a small open fire, and cover it with a pot, or another Cucurbit turned upside down, one that is unglazed, so as that the neck of one may enter into the neck of the other; change the upper Cucurbit every half hour, adding another in its place; add likewise new Sulphur, gathering your flowers which you find stick in the Cucurbit, and continue to do thus until you have got as much as you desire; then put out the fire, and let the vessels cool; there will remain at bottom only a little light insignificant earth.

*Virtues.* Flower of Sulphur is used in diseases of the Lungs and Breast; it is also used in Oynments for the Itch.

*Dose.* It may be taken from ten to thirty grains, in Lozenges or in an Electuary.

*Magistery of Sulphur, in Latin, Lac Sulphuris.*

Take four ounces of the flower of Sulphur, and twelve ounces of the Salt of Tartar, or Salt Petre fixed by the coals; put them into a large glazed pot, and pour upon them six or seven pints of water; cover the pot, and setting it on the fire, make the matter boil five or six hours, or until being become red, the Sulphur is all dissolved; then filtrate the dissolution, and pour upon

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up it by little and little distilled Vinegar, or some other acid, there will presently appear a Milk, let it settle, that a white powder may precipitate to the bottom of the vessel; pour off by inclination that which is clear, and having washed the powder five or six times with water, dry it in the shade.

*Virtues.* It is thought good for all diseases of the Lungs and Breast.

*Dose.* It may be given from six to sixteen grains, in some proper liquor.

*Flower of Benjamin, in Latin, Flos Benzoini.*

Take an earthen pot high and narrow, with a little border round it, put into it three or four ounces of clean Benjamin grossly powdred, cover the pot with a Coffin of Paper, and tye it round about under the border; set the pot into hot ashes, and when the Benjamin is heated the flowers will sublime; take off the Coffin every two hours, and fix another in its place, stop up quickly in a glass the flowers you find in the Coffins, and when those which afterwards sublime begin to appear oily, take the pot off the fire.

*Virtues.* They are good for asthmaticall people, and to fortifie the stomach.

*Dose.* They may be taken from two grains to five in an Egg or Lozenges.

*Tinctures*

*Tincture of Benjamin, in Latin, Tinctura Benzoini.*

Take three ounces of Benjamin, and half an ounce of Storax, powder them grossly, and put them into a Bottle or Matrass half empty, pour upon them a pint of Spirit of Wine; stop the vessel close, and set it in warm Horse dung, leave it in digestion for a fortnight, after which filtrate the liquor, and keep it in a viol well stop'd; some add to it five or six drops of Peruvian Balsam, to give it a better smell.

*Virtues.* It is good to take away spots in the face.

*Dose.* A dram of it is put into four ounces of water, and it whitens it like Milk; this water serves for a wash, and is called Virgins Milk.

*Ens Veneris.*

Take of the best Hungarian, or of the best Dantzick Vitriol, calcine it in a strong fire, till it be of a dark red, dulcifie it, by such frequent effusions of hot water, that at length the water that has passed through it, appears full as tasteless as when it was poured on; dry it, and grind it with an equal weight of Sal Armoniack; put this mixture into a glass Retort, either in a strong a heat as can conveniently be given in Sand, or else in a naked fire, force up as much of it as you can to the top or neck of the Retort; and this sublimation being ended, break the Retort, lay



lay aside all the Caput Mortuum, and take all the Sublimate and grind it well again, that if any part of the Sal Armoniack appears sublimed by it self, It may be reincorporated with the Colcothar; resublime this mixture *per se* in a glass Retort as before, and if you please, you may once more elevate the second sublimate: but it is not always necessary that that which is reddest is best.

*Virtues.* It provokes sweat, and gently urin; it is good for the Rickets, and disposes to sleep.

*Dose.* Little children may take two or three grains for many nights together: grown persons may take five or six grains at a time; it may be taken in two or three spoonfuls of Sack, or in some Cordial.

*Lapis Prunellæ.*

Bruise two and thirty ounces of purified Salt Petre, and put it in a Crucible, which you must set in a furnace among burning Coals; when the Salt Petre is melted, throw into it an ounce of flower of Sulphur, a spoonful at a time, the matter will presently flame, and the more volatile spirit of Salt Petre fly away; when the flame is over, the matter will remain in a very clear fusion; take the Crucible out with a pair of tongs, and turn it upside down into a very clean basin a little warmed.

*Virtues.* It is given to cool and work by urine, in burning fevers, Quinsies, and other diseases that proceed from heat and obstructions, and for the tuning of the reins.

*Dose.* Half a dram, or a dram of it may be given at a time in some proper liquor.

*Volatile Salt of Ambar, in Latin, Sal Volatile Succini.*

Put two pounds of Ambar powdred in a large glafs or earthen Cucurbit, three quarters of the Cucurbit must remain empty; set the Cucurbit in sand, and after you have fitted the head to it and a small Receiver, lute well the Junctures, and light a little fire under it for about an hour; then when the Cucurbit is grown hot, increase the fire by little and little to the third degree, and there will distil first of all a flegm and spirit, then the Volatile Salt will rise, and stick to the head in little Crystals, afterwards there distils an oyl, first white and then red, but clear. When you see the vapours rise no longer you must put out the fire, and when the vessels are cold unlute them; gather the volatile Salt with a feather, and because it will be but impure as yet, by reason of a little oyl that is mixed with it; you must put it into a viol big enough, that the Salt may fill only a fourth part of it; place the viol in sand, after you have stopt it only with paper, and by means of a little fire you will sublime the pure Salt in fair Crystals to the top of the viol; when you perceive the oyl begin to rise, you must then take your viol off the fire, and letting it cool, break it to separate the Salt, keep it in a viol well stopt, you'll have half an ounce.

Virtues.

**Virtues.** This Salt is a very good aperitive, is used for the jaundice, ulcers in the bladder, the scurvy, fits of the mother, and to force urine.

**Dose.** It may be taken from six to eight grains in some proper liquor.

*Rosin of Jalap, in Latin, Resina Jalapii.*

Put a pound of good Jalap grossly powdered into a large Matrafs, pour upon it rectified Spirit of Wine four fingers above the matter; stop the Matrafs with another, whose neck enters into it, and luting the junctures with a wet bladder, digest it three days in a sand heat, the Spirit of Wine will receive a red Tincture; decant it, and then pour more upon the Jalap; proceed as before, and mixing your dissolutions, filtrate them through brown paper, put that which you have filtrated into a glass Cucurbit, and distil in a vaporous Bath, two thirds of the spirit of Wine, which may serve you another time for the same operation. Pour that which remains at the bottom of the Cucurbit into a large earthen pan filled with water, and it will turn into a Misk, which you must leave a day to settle, and then separate the water by inclination, you'll find the Rosin at the bottom like unto Turpentine, wash it several times with water and dry it in the Sun, it will grow hard like common Rosine, powder it fine, and it will become white; keep it in a viol.

*Virtues.* It purges watry humors, and is good for dropsies; it is ordinarily given with other purging medicines to quicken them.

*Dose.* It is given from four to twelve grains, with other purgatives.

### *Saccharum Saturni.*

Take three or four pounds of Ceruss, powder it, and put it into a large glass or earthen vessel; pour upon it distilled Vinegar four fingers high, an ebullition will follow without any sensible heat; put it in digestion in hot sand for two or three days; stir about the matter every now and then, then let it settle, and separate the liquor by inclination, pour new distilled Vinegar upon the Ceruss that remains in the vessel, and proceed as before, continuing to pour on distilled Vinegar, and to separate it by inclination, until you have dissolved about half the matter: mix all your impregnations together in an earthen glass vessel; evaporate in a sand fire with a gentle heat, about two thirds of the moisture, or till there rises a little skin over it; then set your vessel in a Cellar or some cool place, without jogging of it, there will appear white Crystals which you must separate; evaporate the liquor as before, and set it again in the Cellar; continue your Evaporations and Cristalizations, till you have gotten all your Salt; dry it in the Sun, and keep it in a glass.

*Virtues.* It is commonly used in Pomatums, for setters and inflammations, and dissolved in water is good for diseases of the skin, taken inwardly in is reckoned

known good for Quinsies, for the fluxes of the Hemorrhoids, and Courses, and for the Bloody Flux.

*Dose.* It may be given from two grains to four, in Knotgrass or Plantain water, or mixed with Gargles.

*The general way of making extracts.*

They may be prepared of any thing almost that belongs to the *Materia Medica*, or of any Medicine whether it be simple, as Herbs, Flowers, Seeds, and the like; or compound, as Species, Pills, and the like; which is wont to communicate a Tincture to the Menstruum wherein it is infused; wherefore, take as much as you please of any thing of the *Materia Medica*, cut it, bruise it, or otherwise prepare it as is necessary for the infusion; pour upon it a sufficient quantity of Spirit of Wine, or any distilled Water, that is agreeable to the Physicians intention; let them remain in infusion in a Bath, or some other gentle heat two days, more or less, as the density or the tenuity of the matter requires, until the liquor has a sufficient Tincture; then separate the Tincture by inclination, put in more liquor as before, and after infusion separate it as before; mix the Tinctures, and filter them through paper, and then evaporate the moisture, till the matter at the bottom of the vessel, be reduced to the consistence of Honey. Keep it for use; whereunto may be added two scruples, or half a dram of some proper Salt to every ounce of the extract, to keep it from drying.