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THE BOOKE OF EXTRAVAGANTS:

hope a lon a

WV herein amongst others, is principally contrived divers excellent and approved Medicines for severall maladies.

By I.B. LONDON, Printed by Thomas Harper, for Ralph Mab. 1635.





To the Reader.



Ourteous Reader, for a much as there were divers experiments that I could not conveniently, or rather my occasions would not permit me to dispose in such order as I would have done; I thought

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it would not bee amisse to call them by the names of Extravagants, and so to set them downe as I found them, either inserted amongst other my notes, as I put them in practise, or as they came into remembrance. I would have beene more copious in Chirurgicall experiments, because f have alwayes much delighted therein, and have both seen and made much experience thereof; but having considered with my selfe, that those things would best Hb 3.

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suit with themselves, and bee acceptable unto every one, I have purposely made a reservation of some, which accordingly as I shall perceive these to be affected, I shall, if God permit, present you with in a peculiar Tractat hereafter.

To the Reader

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Extravagants.

How to make a light burne under the water, being a very pretty conceipt to take fish.



Et there be a glasse, as A, having a hole at the bottom, to put a candle in with a screwed socket. The socket must have a loop at the bottom, whereunto you must hang a weight of such

heavinesse, that it may draw the body of the glasse under water. The neck of this glasse must be open, and stand



above:

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above the water ; also about the neck must be fastned a good broad prece of wood ; round about which (but on that fide of it that is next unto the water) must bee placed divers precess of looking glasses ; fo the light of the candle in the glasse body will be multiplied according unto the number of them. All the fishes neare (unto it will refore about it, as amazed at fo glorious a fight, and so you may take them with a cast net or other.

Another pretty conceipt for the same purpose, but more casie to be made, and with lesse cost.

Provide a peece of wood turned hollow like unto a poking or steele stick, as A B, in the top of this wood at the fides of it let there faltned foure little flicks, or rather peeces of wyer, which may paffe thorow foure peeces of cork, as CDEF, and so turn up, and be fastned again in a thin light prece of board, as MM, in which board must be fastned a great looking glasse, if you would make one great light, but divers little peeces, if you defire a multiplication of lights, and upon the top of this board let there be fastned a loop of iron to let it into the water by meanes of a pole with a hook at the end of it, and at the bottom of the turned wood let there bee tied a weight or ftone of fufficient bignesse. Thorow the corks CDEF there ought to be drawn another wyer quite round, and to be bound fast unto the former wyers, and it is finished. When you would occupy it, fill the wood A B almost full of water, light a candle, and put into it, and it will fwim in it, and fo burn leifurely; then place it in a pond

or river, with a hook, and the light will be dispersed in a great compasse about the water.



How to make an image hang in the middle of a glasse.

Make the lower part of the image of hard wax, and the upper part of wood, and overlay it with oyle colours; then put it into a globe glaffe filled with faire water, and which way foever you turn the glaffe, the image will ftill hang in the middle, and ftand as it were upright; which, to my knowledge, hath been a thing caufing no fmall admiration among divers that have not underftood the caufe of it:

How

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Extradagantss.

How to make five or fix Dice of the ordinary bigneffe of Dice, such as you may game withall, and such as would be taken by their looks to be ordinary Dice, and yet all of them to weigh not above one graine.

Take a peece of Elder and pith it, lay the pith to dry, and then make thereof with a sharp knife five or fix Dice, and you shall finde it true that I have faid.

How to lay gold on any thing.

Take red lead ground first very fine, temper it with linseed oyle : write with it, and lay lease gold on it, let it dry, and pollish it.

To lay gold on glasse.

Grinde chalk and red lead, of each a like quantity, together, temper them with linfeed oyle, lay it on; when it is almost dry, lay your lease gold on it, when it is quite dry pollish it.

How to make iron or steele exceeding bard.

Quench your inftrument feven times in the blood of a male hog, mixed with goofe greafe, and at each time dry it at the fire before you wet it, and it will become exceeding hard, and not brittle : approved.

To

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To make iron as foft as lead.

Take black flints, powder them very finely; then put the powder in an iron pan, and make it red hot, then caft it on a marble stone, till it be almost cold, then make it red hot againe, and let it coole, and grinde it fo long till it cleave to the ftone, and grinde as it were clay; then put that in a glasse, and set it under the caves of a house, where the Sunne commeth not nigh in the day, then the night after take out the water that you shall finde in the glasse above the powder, then take that powder and grinde it with the water, and put it in a stillatory, and let it still out the halfe ; afterward poure the water againe on the faid powder, and still it againe with a foft fire ; then take and seethe that water till the halfe be wasted, then take some iron blade of a knife that is new broke, and put it together, and hold it fo a little while ; then take of the water which was fod to the halfe, and with a feather lay it first to the one fide of the blade, and when the water is cold, lay it on the other fide, and it will foder fast with this water ; and with this water you may make ficele as foft as lead. It is likewife a foveraigne water to help the gout, being anoynted where the griefe is, for it giveth cafe very speedily.

To colour tyn, or copper, &c. of a golden colour.

Take linseed oyle, set it on the fire, scum it cleane, then put therein of amber, and aloe hepaticum, a like quantity, then beat and firre all well together with the oyle till it wax thick; then take it off, and cover it close, and set it in

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in the earth three dayes : when you would use it, strike your metall all over therewith, and so let it dry, and it will be of a golden colour.

To gild iron with a water.

Take running water 3 pound, rochallum 3 pound, and Roman vitrcoll one ounce, of verdigreale one penny weight, faltgem three ounces, orpiment one ounce, boyle all these together, and when it begins to boyle, put in lees of tartar and baysalt, of each halfe an ounce, make it seethe, and being fod a pretty while, take it from the fire, and strike the iron over therewith, then let it dry against the fire, and then burnish it.

Ta soder on iron.

Set your joynt of iron as close as you can, then lay them so in a glowing fire; then take of Venice glasse in fine powder, and the iron being red hot, cass the powder thereon, and it shall soder of it selfe. If you clap it in clay, it will be the furer way.

To gild on iron or steele.

Take one ounce of argall, three drammes of vermilion, and two drammes of bole armoniack, with as much aqua vitæ, then work and grinde them all together on a stone, with linseed oyle; having so done, put thereto lapis calaminaris as big as a hazell nut, and grinde there with in the end three or source drops of vernish; take it off the stone,

and

ftraine it thorow a linnen cloth into a ftone pot, (for it must be as thick as hony) then ftrike over your iron therwith, and let it dry, and then lay your gold or filver on, as you would do upon the vernish.

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A vernish like gold, for tyn, silver, or copper.

Take fmall pots well leaded, then put therein fix ounces of linfeed oyle, one ounce of maftick, one ounce of aloes epaticum; make them altogether in fine powder, and then put it into your faid pot, and cover it with fuch another; yet in the bottom of the uppermost pot make a fmall hole, wherein put a fmall flick with a broad end beneath, to ftir the other pot withall, and when the pots are fet just together, close them all about with good clay, and cover them all over also, leaving the hole open above to ftir the other pot with the flick; fet it over the fire, and ftir it as often as it feetheth, and when you will gild, pollish your metall over first, and then ftrike this over the metall, and let it dry in the Sunne.

How to melt metall very quickly, yea in a shell upon the fire.

First make a bed or laying of metall, and upon it make another bed with powder of brimston, saltpeter, and sawdust, a like quantity of either, then put fire to the said powder with a burning charcoale, and you shall see that the metall will dissolve incontinent, and bee in a masse : approved.

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How to colour pollished iron of a fine reddish, blewish, or blackish colour.

Take your iron after that you have pollifhed it, and heat it a little, and then rub it over with fome Dragons blood purified, and it will be of a fine transparant colour : ablew colour may bee brought upon iron or fteele burnished, by laying it upon quick charcoale, blowing them lightly untill you see the colour come upon your iron, then take it out presently; or by heating your iron first, and then rubbing it over with a wollen cloth dipt in endego ground and tempered with fallet oyle; this blew is proper for cossisters, muskets, and such like, the former for simaller work. If you would have a black colour on iron, first make it cleane, then heat it, and rub it over while it is hot with an old stocken a little wet in fallet oyle.

To lay gold on iron or other metall.

Take liquid vernish l. 1. turpentine, and oyle of linfeed, of each an ounce, mix them well together; with this ground you may gild on any metall, first striking it upon the metall, and afterward lay on the gold or filver: when it is dry, pollish it.

To make ice that will melt in fire, but not disolve in water.

Take ftrong water made with faltpeter, allum, and oyle of tartar, of each one pound ; infuse them together, then put into them a little aqua ardens, and it will present-

ly

Extravagants. Iy coagulate them, and turn them into ice.

A cement as hard as stone.

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Take powder of loadstone. and of flints, a like quantity of either, and with whites of egs and gum dragant make paste, and in a few dayes it will grow as bard as a stone.

To make paper waved like unto marble.

Take divers oyled colours, put them feverally in drops apon water, and ftir the water lightly, and then wet the paper (being of fome thickneffe) with it, and it will bee waved like marble; dry them in the Sunne.

To make copper or braffe bave the colour of filver.

Take fal armoniack, allum, and falt, of each a like quantity, and with a little filings of filver, let all be mixt together, then put them into the fire, that they may bee hot, and when they shall cease to smoke, then with the same powdered and moyfined with spittle, rub your copper or braffe.

How to make glew to hold things together as fast as stone.

Take of the powder of tile sheard two pound, unflakt lyme soure pound, oyle of linseed a sufficient quantity to temper the whole mixture; this is marvellous strong.

To make a thin gelw.

Take gluten pifeis, beat the fame ftrongly on an Anvill till

till it be thin; after lay it to foke in water, untill it become very foft and tender; then work it like pafte, to make fmall rowles thereof, which draw out very thin, and when you will work with it, put fome of it into an earthen pot, with a little water, over the embers, and fourn the fame very cleane, and let it feethe a little while, then work with the fame, keeping it still over the fire. With this glew you may fasten peeces of glasse together.

, How to make mouth glew.

Take Ifinglasse, and steep it in water untill such time as you may eafily pull it to peeces, after you have pulled it to peeces, put it into a glaffe or pot well leaded, and fet it in balneo, that is, in a pot of water on the fire, there let it remaine untill all or the most part of it be disfolved, then strain it thorow a wide haire fieve, while it is hot; upon another course and close haire fieve, and when it is cold, it will be like a thick gelly, then you must cut it into long handsome peeces, and put all these peeces so cut, on a fiting, fo that they touch not one another, and hang them in the Sunne untill they are thorow dry, and it is made. If you would have it of a dainty fmell, and aromaticall tafte, put into it a little cinamon bruifed, and a little marjerom, and rolemary flowers, while it is diffolving, and if you please, a small quantits of brown sugarcandy, to give it a fweetilh (match.

To make iron have the colour of braffe.

First pollish it well, rub it after with aqua fortis, wherin the filings of braffe are diffolved : the like may be done with

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AX

with Roman vitrcoll diffolved in vineger and faire water, of each a like quantity; but it will not continue long.

To make wood or bone red for ever.

Take the powder of Brazill, mingle it well with milk, but so, that it be very red, and put therein either wood or bone, letting it lie in eight dayes, and it will look red for ever.

How with one candle to make as great a light, as otherwise of two or three of the same bignesse.

Caufe a round and double glaffe to be made, of a large fize, and in fashion like a globe, but with a great round hole in the top, and in the concave part of the uppermost glaffe, place a candle in a loose focket, and at the same hole or pipe which must be made at the fide thereos, fill the same with spirit of wine, or some other cleare distilled water that will not putrifie, and this one teandle will give a great and wonderfull light, somewhat refembling the Sunne beames.

A cement for broken glasses.

Beat the whiteft fifh glew with a hammer, till it begin to wax cleere, then cut the fame into very finall pecces, fuffering the fame to diffolve on a gentle fire, in a leaded pan, with a few drops of aqua vitæ, then let fome other that ftandeth by, hold both the peeces that are to be cemented, over a chafingdifh of coales, till they be warm; and during their heat, lay on the diffolved glew with a fine penfill; then binde the glaffe with wyer or thred, and let it reft till it be cold. An admirable secret of representing the very forme of plants, by their ashes, philosophically prepared, soken of by Quertitanus and Angelus Salæ.

Take, fayth he, the falt both the fixed and the volatill alfo. Take the very fpirit, and the phiegm of any herb, but let them all be rightly prepared ; dillolve them, and coagulate them, upon which if you put the water ftilled from May dew, or elfe the proper water of the herb you would have appeare, clofe them all very well in a glaffe for the purpofe, and by the heat of embers, or the naturall heat of ones body, at the bottom of the glaffe, the very forme and Idæa thereof will be reprefented ; which will fuddenly vanish away, the heat being withdrawn from the bottom of the glaffe. As I will not argue the impoffibility of this experiment, fo I would be loth to employ mine endeavours, untill I were expert therein.

A device how to make plants to grow in a place which herbs cannot be transported to be planted, by reason of the distance of the place.

Take what herb you pleafe, burn it, and take the affres and put them into a melting pot, and binde another pot upon it, and lute them well together, and burn them in the fire for the space of two houres, then take out the affres and poure hot water upon them, and let them stand two or three houres; then drain that water from them, which will be of a saltish taste, then put more warm water unto the same asses, and after that hath stood awhile, let that also draine away; then put both these waters together, and

and boyle them gently on the fire, untill it bee confirm ed, and in the bottom of the veffell you shall have a kinde of fait, which take and fow in good ground wel prepared, and you shall have your defire. Note alfo, that the *lixivi*am or ly made with water and the albes of any vegetable, yea minerall, or animall, if it freeze in winter into ice, exactly represents the reall species whence you made the albes; which testifies that the form of any thing continues in the falt after the diffolution of the creature.

A device to bend glasse canes, or make any small work in glasse.

Let there be a veffell of copper about the bigneffe of a common Foot-ball, as A, let it have a long pipe at the top, as C, which must bee made so, that you may upon occasion screw on lesser or bigger vents made for the purpose. Fill this one third part with water, and set it over a



furnace of coales, as FG I, and when the water beginneth to heat, there will come a strong breath out of the nose of the vessel that will force the flame of a lamp placed K k 2 at

Extra Dagants.

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It a convenient distance, as K ; if you hold your glasse in the extention of the flame, it wil melt suddenly ; so you may work what you wil thereof. There are that instead of this globe make use of a pipe, as D, fastned in a stick,



of which I have made use, but hold it not so convenient for those that are not accustomed thereunto.

An excellent water for any morphew, or scurvinesse in the face.

Take an ounce of quick fulphur, two ounces of black fope, the rankeft and ill favourdft that can be got : binde them up in a cloth, and hang them in a pint of the ftrongeft wine vineger for the space of nine dayes; herewith wash the morphew in the face or elsewhere, and let it dry in of it selfe. This water wil for the present stain the face with a yelow colour, which wil weare away in time.

How

How to foften iron.

Take of alum, fal armoniack, tartar, a like quantity of either, put them into good vineger, and fet them on the fire; heat your iron, and quenchit therein.

A good cement for broken glasses.

Take raw filk, and beat it with glasse, and mix them together with the whites of egs.

Another.

Take of calcined flints, quick lime, and common fait, of each a like quantity; mingle them al together with the whites of egs; then take a linnen cloth and spread it over with this mixture, and put it upon the fracture, and let it dry; afterwards anoynt it with Linseed oyle:

How to cause that the same quantity both of powder and shot discharged out of the same Peece shall carry closer, or more scattering.

Take the quantity of a peafe of opium, and charge it amongst the shot, and this will make the shot to fly closer together than otherwise it would. This I had of a Seatogether than otherwise it would. This I had of a Seaman, who had made trial hereof, as hee said, and unto man, who had made trial hereof, as hee said, and unto whom I fold some for the same purpose; and it is very probable, for it is of a congealing and fixative nature.

A bait to catch fifb.

Take Cocculus India 3 is, henbane seeds, and whea-Kk 3 ten

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ten flower, of each a quarter of an ounce, hive hony as much as wil make them into pafte. Where you fee most store of Fish in the River, cast of this paste into it in divers little bits about the bignesse of barley cornes, and anon you shal see the fish swimme on the top of the water, some reeling to and fro as drunken, others with their bellies upwards as if they were nigh dead; so that you, may take them either with your hands, or a small net at the end of a stick made for the same use. Note here, that if you put the fish that you thus take, into a bucket of faire and fresh water, or if it raine after that you have cast this your bait into the water, they will revive and come to themselves to your admiration; and this was told me by a Gentleman of good credit, that hath often made use thereof.

I have heard that the finking oyle drawn out of the roots of polipody of the oak by a retort, mixed with turpentine, and hive hony, and being anoynted upon the bait will draw the fifh mightily thereto, and make them bite the fafter : and I my felfe have feen fifhes, as Roches, I and taken in the dead time of winter with an angle, bayted only with pafte made of wheaten flowre, but it bath been in the morning, and when the Sunne hath flined.

How to write without inke that it may not be seen, unlesse the paper be wet with water.

Take fome vitreol, and powder it finely, and temper it with faire water in any thing that is clean, when it is diffolved, you may write whatfoever you wil with it, and it cannot be read, except you draw it thorow water wherein fome

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some powder of gals hath been infused, and so it wil shew as black as if it had been written with inke.

How so make white lesters in a black field.

Take the yolk of a new layd egg, and grinde it upon a marble with faire water, so as you may write with it : having ground it on this wife, then with a pen dipt into it, draw what letters you wil upon paper, or parchment, and when they are through dry, black al the the paper over with inke; and when it is dry, you may with a knife forape al the letters of that you wrote with the yolk of the egg, and they wil shew faire and white.

How to soder upon silver, brasse, or iron.

There are two kindes of Soder, to weer, hard Soder, and fost Soder. The fost Soder runneth sooner than the hard; wherefore if a thing be to be sodered in two places, which cannot at one time well bee performed, then the first must be sodered with hard soder, and the second with soft; for if the first be done with soft, it will unsoder again before the other be sodered: Note, that if you would not have your soder to run over any one part of the peece to bee sodered, you must rub over that part with chalk that you would not have it run upon.

Note likewise, that your soder must be beaten thin, and then layd over the place to be sodered, which must be first fitted together, and bound with wyer as occasion shal require. Then take Burras, powder it, and temper it with water like pap, and lay it upon the soder, and let it dry upon it by the fire : afterwards cover it with 'quick coales, and blow

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blow them up, and you shall see your soder run immediately; then presently take it out of the fire, and it is done.

Hard Soder is thus made.

Take a quarter of an ounce of filver, and a three penny weight of copper, melt them together, and it is done.

Soft Soder is thus made.

Take a quarter of an ounce of filver, and a three penny weight of braffe, melt them together, and it is done.

How to gild filver, or braffe, with gold-water.

First take about two ounces of quickfilver, put it into a little melting pot, and set it over the fire, and when it beginneth to smoke, put into it an angel of fine gold ; then take it off presently, for the gold wil presently be diffolved in the quickfilver, which if it be too thin, you may thorow a pecce of fustian strain a part of the quickfilver from it. Note likewife, that your filver or braffe, before you go about to gild it, must bee boyled in argall, and beere, or water, and afterwards scratcht with a wyer brush; then rub the gold and the quickfilver upon it, and it wil cleave untoit, then put your filver or braffe upon quick coales untill it begin to fmoke; then take it from the fire, and scratch it with your wyer brush : do this so often till you have rubd the quickfilver as cleane off as you can, then shal you perceive the gold to appeare of a faint yelow colour, which you may make to appeare faire with fal armoniack, bole armoniack, and verdigreafe ground together, and tempered with water.

How

How to take the smoke of Tobacco therow a glasse of water.

First fil a pinte glaffe with a wide mouth, almost ful of faire water; fil also a pipe of Tobacco, and put the pipe upright into the glaffe of water, so that the end of the pipe may almost touch the bottom of the glaffe; then take another crooked pipe, and put it into the glasse, but let the end thereof not touch the water; wax then the mouth of the glasse, that no ayre may come in nor out, but at the pipes: then put fire unto the Tobacco, and suck with your mouth at the end of the crooked pipe, and you shalfee the simoke of the Tobacco penetrate the water, and break out of a bubble, and so come into your mouth.

How to colour wood of a fine brown colour.

First take a brush made of hogs bristles, and dip it into common aqua fortis, and therewith wet the wood al over, then dry it gently before the fire, and when the wood begins to change colour, rub it over with linseed oyle, and then dry it in the Sunne, and it wil be of a dainty fine brown colour, as brown as a berry.

To colour Ivory or any other bones, of an excellent green colour.

Take aqua fortis, wherein diffolve as much copper as the faid water is able, then let the bones that you would have coloured, ly in the fame al night, and they wil bee like a Smaragdin colour : Mizaldus.

A THE D

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How to make birds drunk, so that you may take them with your hands.

Take fuch meat as they love, as wheat, barley, and lay the fame to fleep in the lees of wine, or elfe in the juyce of hemlock, and fprinckle the fame in places where birds use to haunt.

A way to catch Crowes.

Take the liver of a beaft, and cut it in divers peeces, put then into each peece, fome of the powder of *mux vomica*, and lay these peeces of liver in places where Grows and Ravens haunt. Anon after they have eaten them, you may take them with your hands, for they cannot fly away.

How to take Grows or Pigeons.

Take white pealen, and steep them eight or nine dayes in the gall of an Ox; then cast the same where they use to haunt.

You may make Partridges, Ducks, and other birds drunk, fo that you may take them with your hand, if you fet black wine for them to drink, in those places whereunto they refort.

Another.

Take tormentill, and boyle it in good wine; put into it barley or other graine : fprinckle this in those places you have appointed to take birds in, and the birds wil cat the precess amongst the graine, which wil make them so drunk,

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drunk, that they cannot fly away. This fhould bee done in the winter, and .vhen it is a deep fnow.

Another way to take birds.

Make a paste of barley meale, onion blades, and henbane seeds; set the same upon several little boards, or peeces of tiles, or such like, for the birds to eat of it.

How to make brasse white for ever.

Take egge shels, and burn them in a melting pot: then powder them, and temper them with the whites of egges; let it stand so three weeks; heat your brasse red hot, and put this upon it.

A device to scowre brasse:

Take common aqua fortis, and faire water, of each a like quantity, shake them together, dip a woollen ragg in this water, and therewith rub your rusty brasse, and it will fetch off the rust immediatly; then presently rub it off with an oyly cloth : lastly with a dry wollen cloth dipt in the powder of lapis calaminaris (which you may have at the Apotheca 'es) rub it over hard, and it will be as cleere and bright as it was when it came new out of the shop.

How to make the apparitions of Towers and Cafiles to appeare in a glasse, of water.

Take an Vrinall, and fill it almost full with faire water, and take a little faffron and tie it up in a fine linnen cloth, L12 and

and steep it in the said water, and let it remaine untill it have turned the colour of the water, then take the white of an egg and break or squees it between your singers seven or eight times together, then put it into the water, and shake it together, and you shall see such apparitions as I have said. Cardanus and Falopius.

How to make the Philosophers tree.

Take two ounces of aqua fortis, and put into it halfe an ounce of fine filver refined, then take an ounce of aqua fortis, and two drams of quickfilver, mix them together; mix both these mistures or diffolutions together: then put it into a glasse, with halfe a pinte of water, and stop it up close with brimston, and you shall day after day see the likenesse of a tree to grow by little and little, very pleasant to behold.

How to keep wine fresh all the yeere, though it be carried from place to place, and exposed to the heat of the Sunneall day.

Put your wine in a glaffe bottle, and put the bottle in a box of wood or leather, and about the glaffe bottle put faltpeter, and it will preferve and keep it very fresh. If you put some little quantity of faltpeter in the summer time when the weather is very hot, the saltpeter will make the wine so extreme cold, that it will even make the teeth of him chatter that holdeth it in his mouth.

How to make marble.

Take fix ounces of quick lime, put it into a pot, and poure

poure upon it one pinte of good wine; let it ftand five or fix dayes, ftirring it once or twice a day: then poure off the cleere, and therewith temper flint ftones calcined, and made into fine powder, then colour it, and make of it what you pleafe, and let them dry.

How to whiten copper.

Take a thin plate of copper, heat it red hot divers times, and extinguish it in common oyle of tartar, and it will be white.

To make Saltpeter.

Take quick lyme, and poure warm water upon it, and let it ftand fix dayes, ftirring it once or twice a day : take the cleere of this, and fet it in the Sunne untill it be wafted, and the Saltpeter will remain in the bottom.

How to make Corali.

Take of red lead ground, $\frac{3}{5}$ r, vermilion finely ground, $\frac{3}{5}$ is unquenched lyme, and powder of calcined flints, of each $\frac{3}{5}$ vi. these powders must be tempered with a *lixivi*. *am* that is made with quick lime and wine : adde unto the whole a little falt; then make thereof what you list; then boyle them in linfeed oyle.

How to make pearles of chalk.

Take fome chalk, and put it into the fire; there let it lie untill it break: temper it then with the whites of eggs. Then make of it divers falhions of pearles, both great and L13 [mall]

small; wet them being dryed, and cover them with leafe gold, and they are done.

A precious syle for a sudden ach caused through cold.

Take three pound of May butter unfalted, of Bay leaves three handfuls, of Chamomill, Featherfew, Wormwood, and Rew, of each two handfuls; fhred all thefe finely into a pipkin clofely ftopped : let them boyle gently the fpace of an houre, then put into them eighteen fpoonfuls of fallet oyle, and let them boyle an houre more; then adde two and twenty fpoonfuls of *aqua vita*, and then let them infuse a quarter of an houre more, then ftrain it, and it is done : when you use it, warm it, and anoynt the grieved place therewith. Daily experience doth teftific the excellency of this medicine.

Against setting of cold about the head and stomack.

Take of the best English saffron, the weight of 1 s. 6 d. of liquerish halfe an ounce, angelica roots halfe an ounce, anifeeds one ounce, elecampane roots a quarter of an ounce, one nutmeg fliced, two branches of rosemary stripped: steep them all in a pinte and a halfe of the strongest aqua vita, in a glasse stopped very close, nine dayes together. Then let the sick take two spoonfuls in the morning fasting, and as much at bed time.

An approved and excellent plaster for the Sciatica, for ach in the raines of the back, or in any other part what soever.

Take one pound of black sope, and foure ounces of frankincense,

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frankinzense, and a pinte of white wine vineger: boyle all together upon a gentle fire, untill it bee thicke; spread it then upon a leather, and apply it unto the grieved place. If the ach be very great and feruent, then adde unto it a little aqua vita, and it will be much better.

An excellent oyntment for the Shingles, Morphew, Tetters, and Ringwormes.

Take a quarter of a pound of sope, and mingle with it two drams of the powder of blacke Ellebor, litharge of filaer in fine powder, two ounces, verdigrease halfe an ounce, and a quarter of an ounce of glasse in powder, and as much quickfilver, make them all into an oyntment by stirring them well together; where with anoynt the grieved parts. This is approued and true.

An excellent Balme, or water for grievous sore eyes, which commeth either of outward accident, or of any inward cause.

Take two spoonefuls of the juyce of Fennell, and one spoonfull and a balfe of the juyce of Celandine, and twice as much honey as them both; then boyle them a little upon a chafingdish of coales, and scum away the dregs which will ascend, but first let it coole somewhat, and then let it run thorow a faire cleane cloth : then put it into a violl of glasse, and stop it close. Put a little quantity of this into the eye. This medicine is approved, and more precious than gold.

A CS CROTY day, BRITH HIG T CHARGES HIGH ICS
A speedy way to assuage the paine of any scald, or burne, though never so great, and to take the fire out of it.

Take old lawn rags, dip them into Runnet, for want of it dip them into verjuyce, and apply them cold upon the grieved place, fhifting them for halfe an houre together, as oft as they dry : this I have knowne to give cale in an inftant, and quickly to take out the fire.

An approved oyle for to beale any burne or scald.

Take of housilceke one handfull, and of brooklime as much, boyle them in a quart of creame untill it turne unto an oyle; boyle it very gently: with this oyle a little warmed, anoint the grieved place twice a day, and it will soone make it well. Approved.

An oynement, very excellent and ofren proved, for the fame.

Take a good quantity of mosse scraped from off a stone wall, fry it in a fryingpan with a call of mutton suct a good while, then straine it, and it is done. Dresse the grieved part therewith once or twice a day, as you shall see fitting.

Another oystment for a burne.

Take one part of fallet-oyle, and two parts of the whites of egges, beat them together exceeding well, untill they come to be a white syntment, wherein dip the feather of a blacke hen, and anoynt the grieved place diuers times every day, untill fuch time as the feales fall off, using

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in the meane while neither clothes nor any outward binding, for these will flick, and so together draw off the skin. This, faith Min/het the author, though it seeme to be a thing of no estimation, yet was there neuer found any more effectuall for a burne than it is. Since I wrote this I received a Letter from an especial friend in the Country that hath often times made use of it, affirming the excellency and undoubtednesse of it, saying also that this very medicine is of much value.

An excellent oyntment for a greene wound.

Take foure handfuls of Clownes, Allheale, bruife it, and put it into a pan, and put to it foure ounces of barrowes greafe, fallet-oyle halfe a pound, Bees waxe a quarter of a pound; boyle them all untill the inyce be wafted; then ftraine it, and fet it ouer the fire againe, and putunto it two ounces of Turpentine, then boyle it a little while more, and it is done. Put hereof a little in a faucer, and fet it on the fire, dip a tent in it, and lay it on the wound, but firft lay another plaifter round about the wound, made of diapalma mollified a little with oyle of Rofes. This cureth very speedily all greene wounds, as faith M. Gerard.

A Balfam of wonderfull efficacy.

Take Burgundie pitch, brimstone, and white frankincense, of each one ounce: make them into an oyntment with the whites of egges: first draw the lips of the wound, or cut, as close as you can, then lay on some of this spread upon a cloth, and swathe it ouer afterwards.

An excellent bealing Water, which will dry up any old fore, or heale any greene wound.

Take a quarter of a pound of Bolearmoniacke, powder it by it selfe, then take an ounce of Camphire, powder it allo by it felte : alfo take foure ounces of white Coppras in powder: mixe the Coppras and Camphire together, and put them into a melting pot, and fet them on the fire, untill they turne unto water:afterwards ftirre it until it come to be as hard as a ftone: then powder it againe, and mixe it with the Bolearmoniacke: keepe this powder close in a bladder, when you would use it, take one pinte and a halfe of faire water, let it on the fire, and when it is even ready to boyle, put into it three spoonfuls of the powder, then take it off from the fire, and put it into a glasse, and let it stand untill it be cleare at the top, then take off the clearest, and wash the fore very warme there with, and dip a cloth foure double in the same water, and binde it fast about the fore with a rowler, and keepe it warme : dreffe it thus twice a day.

AWaser for a Fistula.

Take one pinte of white wine, 1 ounce of juyce of Sage, three penny weight of Borace in powder, Camphire in powder the weight of foure pence : boyle them all a pretty while on a gentle fire, and it is done : Walh the Fiftula with this water, for it is certainly good, and approved to be true.

AWater for the Toothache.

Take ground ivie, falt, and spearemint, of each an handfull:

handfull: beat them very wel together, then boyle them in a pinte of vineger; ftraine it, and put a spooneful of it into that fide that aketh, and hold downe your checke.

Another Water approved for the same:

Take red rofe leaues halfe a handful, Pomegranate. flowers as many, two gaules fliced thinne : boyle them all in three quarters of a pinte of red wine, and halfe a pinte of faire water untill the third part be wafted : then fitaine it, and hold a little of it in your mouth a good while; then fpit it out, and take more. Alfo if there be any fwelling on your cheeke, apply the fitainings betweene two clothes as hot as may be fuffered. This I haue knowne to doe good unto diuers in this Citic, when as they haue been extremely pained.

To make a Waser for the eyes.

Take Lapis Calaminaris, and burne it in the fire nine times, and quench it in white wine, and beat it into powder, and when you use it, put it into rose water, and drop the water into the eye.

For Deafenesse.

Take a good quantity of Camomill, and two handfuls of greene Wormewood, and feethe them in a pot of running water till they be very well fodden, and put a funnell over it, and let the fteame goe up into the care, and then go to bed warme, and ftop your care with a little blacke wooll: and a graine of Civet : doe this morning and evening, and with Gods affiftance you fhall finde cafe.

An excellent Electuary for the Cough, Cold, or against Flegme.

Take of Germander, Hiflopè, Horchound, white Maidenhaire, Agrimony, Bettony, Liverwort, Lungwort, and Harts-tongue, of each one handful : put these to nine pintes of water, and let them boyle to three pintes; then let it coole and straine it. To this iuyce put of clarified honey halfe a pound, fine powder of Liquorice five ounces, fine powder of Enulacampana root three ounces, boyle them to the thicknesse of an Electuary. Take of this at any time, but specially in the morning fasting, as also at night when you goe to bed, or two houres after supper, the quantity of a Walnut or Nutmeg.

A very excellent salve to beale, well approved, for any old fore; or new wound.

Take of Waxe, Rofin, Sheepes fuet, Turpentine, of each a like quantity, Sallet oyle alfo as much: mixe them al together, and take the inyce of Smallach, of Planten, of Orpin, of Bugloffe, of Gomfery, of each a like quantity: let them boyle untill the juyce of the bearbes be confumed; and in the feething put a quantity of Rofe-water, and is will be a very good Salve.

A soveraigne Water to heale a greene wound: and to stanch blond.

Take a pottle of running water, and put thereto foure ounces of Allum, and one ounce of Copras, and let them feethe

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feethe to a quart, and then firaine it, and keep it in a glasse, and wash the wound, and wet a cloth, and lay to the fore, and with Gods helpe it wil soone be healed.

Against bleeding at the nose.

Take the root of a red nettle, and hold it between the molary teeth of the fame fide: this is an excellent remedy: Alfo moffethat groweth at the foot of an Alh, is very good to be put up into the nofe. Likewife the powder of Toades. Alfo if you tye a live Toade in a net, and hang it about the patients necke, he wil be in a fodaine feare, and fo the bloud wil leave his former current, and have recourfe unto the heart. Or elfe a dryed Toad held in ones hand, or hanged about ones necke, though *infsio patiente* from the natural apprehenfion of a venemous object, which whiles nature and the fpirits feeking to avoyd, they run into the center of the body from the circumference.

For the biting of a mad Dogge.

Take brine, and bathe the wound : then burne Claret wine, and put in a little Mithridate, and fo let the patient drinke it; Then take two live Pigeons, cut them thorow the middle, and lay them hot to his hand if hee be bitten in the armes. If in his legges, to the fole of his feet.

An Oyle for any Ach.

Take a pound of unwalhed butter, and a handful of red mints, and a handful of camomill, a handful of rew, two ounces of oyle of Exeter : ftampe the hearbes to a juyce, and boyle them with the butter; ftraine them in a cloth, and rub them out very wel: this so done, take the Mm 3 oyle

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oyle of Exeter, and put to them, and stir them wel together, and put them into a gally pot, and where the ach is anoint the place against the fire, and lay a browne paper on it, and wrap a cloth about the place, and keep it warm : proved to be excellent.

To fanch the bleeding of a cut.

Take a pecce of a felt har, and burne it to a coale; beat it to powder, and put it in the cut, and it wil ftanch the bleeding prefently. Or elfe apply linnen rags that in the fpring of the yeere have beene often washed in the sperm of frogs, and afterward dryed in the Sunne.

For an ague, to be layd to the wrists.

Take a handful offoot, a fpooneful of bay falt, halfe a fpooneful of pepper; bruife them together, and temper them with two yelkes of egges; fpread it on a cloath, and lay it to the wrifts.

Almond milke for the cough of the lungs.

Take foure spoonfuls of French barley wel washed, and boyle it in three wine pints of faire water, unto a pinte and a halfe; then take it from the fire, and let it coole, and settle; then take the cleere liquor, and straine therewith a quarter of a pound of sweet almonds blanched, and beaten; then set it on the fire, and let it boyle a while til it begin to grow thicke; then beat two yelks of egges, and put them to it; flirre them wel together, and put to it as much fine suger as wil sweeten it, and a spoonful of damaske rose water, and so let it boyle a while longer, til it be as thicke

as good creame; eat of it warme twice or thrice a day, but at breakfast especially.

For a scald bead.

Take a pinte of running water, and as much Mercury as a good walnut, three or foure branches of Rofemary; boyle thefe al together til a third part bee boyled away, or thereabout, and every morning and evening walh the infected place with fome of this water cold, and a quarter of an houre after or leffe anoint the place with lampe oyle, and every morning after the first dreffing try to pul up fome of the hayre as eafily as you can: have care where you fet this water, for it is poylon. If you shave the head, and apply a plaister called *Emplastrum Cephalicum cum Emphorbio*, it is also excellent if you adde unto it in the making, a quantity of greene Copras:

For to heale a red face that hath many pimples. Proved.

Take foure ounces of barrowes greafe, and as much oyle of bayes, halfe an ounce of quickfilver killed with fafting fpettle, then take two fpoonfuls of wilde tanfie water, or honyfuckle water, and let al bee ground in a morter three houres at the leaft, until you fee nothing of the quickfilver, and fo keepe it clofe in a glaffe; the older, the better; and when you goe to bed anoint the face, and looke you keepe it from your eyes.

To wash the Face if it be given to heat. Take Snailes, beat them shels and bodies together fleep them

them a night in new milk; then fill them with the flowcreef white Lillies.

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To make odoriferous damask water.

Take new Ale with the graines in it, three gallons, chamomill three handfuls, balm, role leaves, of each foure handfuls; lavender and fouthernwood, of each two handfuls; marjerom fix handfuls; beat them all intogroffe powder, and then infuse them in the Ale ten or twelve dayes, flirring it once or twice a day; then put it into a rolewater still, and strew upon it this following powder, and distill it with a gentle fire.

The Powder.

Take cloves, cipres roots, calamus aromaticus, 'of each one ounce; mace an ounce and a halfe, orris two ounces; ftorax, benjamin, labdanum, of each halfe an ounce; make them into a powder.

> A damask water that may be made at any sime of the yeere.

Take lavender flowers two ounces, cloves fix ounces; orris one pound, green Bay leaves two ounces, calamus aromaticus toure ounces, broom bark two ounces, florax foure ounces, Cypres roots halfe a pound, margerom two handfuls; make them altogether into a groffe powder, and infuse it in five gallons of faire water three or foure dayes, in which time you must flirre it three or foure times a day, and cover it close: then diftill it with a gentl

fire

fire, while it is filling, open it now and then, and firre its that it may not flick unto the bottom.

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For a cold, or for chapt hands.

Bathe your feet oftentimes' in beere wherein ftore of falt and tartar hath been boyled, and dry it in by the fire; this is good for a cold.

Bathe your hands also in like manner, if they be chapt, for it is an excellent and most approved medicine.

Against the murrain of swine.

With an awle bore a hole in the top of one of their cares, and thrust therein a little peece of the root of black clebor ; it will caufe their earcs to fwell, and ftore of water will iffue out thereat, and it will certainly free them from the murrain : approved.

A fecret for Travellers.

It is a slight, but, in my opinion, an excellent thing, and a thing that I have much fet by ; let fuch as ule to travell, especially in the summer time, have about them a peece of roch allum, which they may now and then hold for a small time in their mouthes, for when they are hot it will both coole them and mightily refresh them, and will quench their thirst more than any beere can : I confesse, I have a better liking unto a stone that is made of saltpeter, and the eighth part of orientall and transparant fulphur melted together, and caft into bullet moulds; it is a ftone that divers Mountebancks much esteeme of, and it is called by them, A Celeftiall or Miraculous Stone; and

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and by addition of certain colours, they make fome red, fome blew, and fome of a ftraw colour; and they attribute divers vertues unto it, as for curing the pin and web in the eye, for inflammations of the mouth and gums, and for curing of aking teeth: it is indeed nothing but the ftone called of the Apothecaries *lapis prunella*, and which they ordinarily fell. I have made use of allum when I could not come at this, and have found it for the aforesaid use not much differing.

To make V Squebach:

Take agallon of the smallest aqua vita you can make, put it into aclose vessell of stone; put thereto a quart of Canary Sack, two pound of raisins of the Sunne stoned, but not washed, two ounces of Dates stoned, and the white skins of them pulled out, two ounces of cinamon grossy bruised, foure good nutmegs bruised, foure good liquorish sticks fliced, and bruised; tie up all your spices in a fine linnen cloth, and put them into your aqua vita, and tie up your pat very close, and let this insufe a week, firring it three times a day, then let it run thorow a jelly bag close covered; keep it in glasse bottles:

To make Almond butter.

Take two pound of Almonds and blanch them, and letthem lie all night in cold water; then grinde them in a mortar very small, and put in a blade of mace or two; then straine it thorow a strong cloth as neere as you can, that the milk bee not too thin, and let it seethe a pretty while, then put in a little rolewater, and a little falt, when

you

you take it off the fire, and ftir it ftill ; then take a bigge cloth very cleane, and let two hold it, then you must take the milk and cast it round about the fides of the cloth, that the whay may come from it, then with a faucer put it down from the fides ; then knit the cloth, and hang it up untill it have left dropping ; then take it forth, and feason it with fine sugar and rosewater.

To make jelly for one that is in a Consumption, or troubled with a loosenesse.

Take the feet of a calfe, and when the haire is cleane scalded off, flit them in the middle, and cut away all the black veines, and the fat, and wash them very cleane, and so put them in a bucket of faire water, &let them lie foure and twenty houres, and in that time the oftnet you fhift them in faire water, it will be the better ; then ferthem on the fire in two gallons of water, or fomewhat leffe, and let them boyle very foftly, continually taking off the fcum and fat which rifeth ; and when the liquor is more than halfeboyled away, put into it a pinte and a halfe of white wine, and as it boyleth there will come a foule fcum upon it, take it off still cleane, and when the jelly is boyled enough, you may know, for your fingers will flick to the spoon; then take it from the fire, and with a cullender take out all the bones and fleth, and when the jelly is almost cold, beat the whites of fix egges, and put into it, and set it on the fire againe, and so let it boyle till it bee cleere; then straine it thorow a clean cloth into a bason, and to let it stand all night long; the next morning put it into a skellet, and putto it a pound of sugar, halfe an ounce of cinamon broken in peeces, one ounce of nutmegs, an ounce Nn2

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ounce of ginger bruiled, and a good quantity of large mace; boyle all these together till it taste of the spices as much as you defire, and when it is almost cold, take the whites of sixegs, and beat them, and put into it, and set it on the fire, and when it riseth weild it in halfe a pinte of white wine, then strain it thorow a jelly bag.

To stay the flux.

Take Date flones, and beat them to fine powder, and take the quantity of one of them, and drink it with poffet drink, or beere; use these two or three mornings together, and after as often as you finde occasion; this is very good.

In the month of May gather of the reddeft Oak leaves you can get, and still them, and when need requireth make pap thereof, mingled with milk, fine flowre, sugar, and cinamon, as oft as your stomack serveth to cat it.

How to make good writing Ink.

Take two handfuls of gauls, cut each gaul into three or foure peeces, poure into them a pinte of beere or wine, then let it ftand eight houres; ftraine it from the gauls, and put vitreoll therein, and to the vitreoll a third part of gum; fet it on the fire to warm, but let it not feethe, and it will bee good Ink: and of these gauls you may make Ink foure or five times more.

How to make red printing Ink.

Take a spoonfull of vermilion, the quantity of a hazell nut of cleane turpentine, with a spoonfull and a halfe of linseed

linsed oyle; grinde them altogether upon a Painters stone, and it is done.

How to make blew printing Ink.

Take bice or smalt, and grinde them with turpentine and oyle, as you did the former:

How to make yellow printing Ink.

Take refined orpiment, and use it as you did the former.

How to make green printing Ink.

Take verdigrease or Spanish green very clean, and withoutstalks, and grindeit as you did the former.

How to make black printing Ink.

There is a black carth which those that print Maps use of, this being ground as the former, with turpentine and linseed oyle, you may make black lnk.

To make green Ink.

Take green bice and grinde it with gum water, and if you will have it a ladder green, put a little faffron to the grinding.

To make blew Ink.

Take fine flowre, and grinde it with a little chalk, and allum, and then put it in a violl.

Nn 3

For

fione, and it is done.

For an Ague.

Take a handful of hartstongue that groweth in the field, and a handfull of bay falt, and beat them both together in a morter, and lay this to both the wrifts.

A good water against the plague, or to be given after a surfet.

Take red fage, celendine, rosemary, herbgrace, wormwood, mugwort, pimpernell, dragons, scabious, cgrimony, rofa folis, and baim, of each a handfull, or like quanty by weight ; walh and hake them in a cloth, then fhred and put them into a gallon of white wine, with a quarter of an ounce of gentian roots, and as much of angelica roots ; let it stand two dayes and two nights close covered, and then distill it at your pleasure, and stop the glaffe very clofe in which you keep the fame.

To avoyd urine that is stopped with the stone.

Take as much black fope as a walnut, temper it with eight or ten leaves of English saffron, spread it upon a round leather as big as the palm of your hand, and cover thenavell of your belly therewithall, and it shall cause you to make water. And I have been informed by a kinde of Leach that liveth in the Country, that he by applying a plaster of galbanum spread upon a peece of leather round about the preputium, cured one that could not avoyd his urin by reason of a stone, which within a few houres the plaster brought away, fo that the party recovered, and became

became perfectly well ; who dying two or three yeeres after, rewarded this his Surgeon with a liberall reward.

For the stone and strangury : oris mode or

Take the filmes that are within the mawes of geele, and let them bee purely dryed, and then make powder thereof, and drink it with stale alc, and it will help him with Gods grace. Proved.

Agood medicine to avoyd the stone and gravell.

In the morning fasting let the party swallow three or foure preces of fresh butter about the bignesse of nutmegs, and drink immediatly after a glaffe ful of white wine, and so fast until dinner. It is a meane medicin, but not to be contemned, for there are those that I know can affirm the goodneffe and effects thereof.

For Gald beads.

The Medicine 9

oowder at a titze,

Take green copperas, and mingle it with creame til it bee turned yelow, and let it ftand three or foure dayes: then take primrose roots, leaves and all, with May butter, and beat the roots and leaves in the butter, and boyle shem together with a little beere and butter, and let it touch no fait. henith wine, white

To cure an old plear. and fo you that fee the deliverance thereof.

Take a quart of the ftrongest Ale that is to bee gotten, or brewed, halfe a pinte of raw honey, two ounces of roch-allum beaten, halfe a pinte of fallet oyle, and the quantity

quantity of a Tennis ball of common walking fope, one ounce of ftone pitch beaten, one ounce of rolin beaten, two ounces of yellow wax : boyle al these together, and ftrain them thorow a thin linnen cloth 5 and this wil cure any old ulcer.

A water to cleanse and mundifie old rotten sores and ulcers.

Take a wine pinte of stilled water of planten, as much white wine; put therein two ounces of roch allum, a dram of verdigrease, a dram of Mercury sublimed: boyle al these together, and keep them in a thick glasse being stopped with wax very close, that the strength go not out; this wil cleanse and mundifie old fores: It wil also heale a Fistula if you use a firinge, so that the water may be sent to the bottom of the fore.

The Medicine of Medicines proved for the stone:

Take a quantity of eg. shels, wash them cleane; those are the best whereout chickens are come; dry them very dry in an oven, or between two tile stones; then make powder thereof, searce it, and mingle it with sugar, or powder of licoras to give it a taste, and let him use it as often as hee needeth, morning and evening; either with Rhenish wine, white wine, or stale Ale, a spoonful of the powder at a time, and use to make water in a cleane bason, and so you shall see the deliverance thereof.

For dimnesse of sight.

Take the hearb called Eye bright, make-it into fine powder, and take it either with meate or drinke, for it hath beene approved to be most excellent for all impediments of the fight.

How to make Eye-bright Wine, Ale, or Beere: By the use whereof, divers that could not reade with. out spectacles, have miraculously recovered their sights.

You must take two or three handfuls of the herbe Eyebright, and put it in a bag that is made of fine boulter, put also unto it a dram and a halfe of fweet Fenil feeds, and if you please, a Clove or two, or ablade of whole Mace, and into the bag put also a stone to make it finke, then hang it in a gallon of new wine or wort; if it bee wine stop it up close presently, if wort, stop it not untill it hath wrought. After it hath stood a weeke, you may drinke every morning a draught.

A precious water for the fight.

Take Smallage, Fennell, Rew, Verveine, Egrimony, Daffadill, Pimpernell, and Sage, and still them with breast milke together with five drams of frankincense, and drop of it in your eyes each night: often proved.

For the Fluxeto stay it.

Take the yolke of an Egge, and beat it, then mixe with 00

it one grated Nutmegge, and lay it on an hot tyle flone to bake, and eate thereof fafting, and before Supper, and after meales, and it wil flay it. Often proved to be excellent

A good Powder for the Gout.

Take fine Ginger the weight of two groats, and Enulacampane roots dryed, the weight of foure groats, of Liquorish the weight of eight groats, of Sugar-candy three ounces; beat all these into a powder, searce them fine, and then mingle them together, and drinke thereof morning and evening, and al times of the day. Approved.

A speciall Medicine for the Collicke.

Take Horehound halfe an handfull, of Sage, and Hyfope of either as much, twelve leaves of Betony, of Centaury fixe crops, one Alexander root, foure penny weight of Enula-campana roots powdered, Spikenard of Spaine one penny worth; feethe all thefe in three quarts of fine wort to a pottle, and draw it through a linnen cloth, and take three fpoonfuls at once morning and evening.

To take away rednesse or burning of the Eyes.

Take the white of an Egge, and beat it very well with a spoonfull or two of red Rose-water, then put thereto the pap of a rosted apple, sningle them well together, and spread it upon a little Flaxe; so lay it on the eye, binding it on with a linnen cloth.

A Water for the falling downe of rheume in the eyes. Take the quantity of a large hazell nut of white Copras,

pras, and diffolue it in three quarters of a pinte of running water; with this water a little warmed bath the eye-lid divers times in a day. Approved.

F or the Rheume in the eyes.

Take the white of an Egge, and fo much Bolcarmoniacke as will thicken it, and forcad it on a round plaister of sheeps leather, and lay it on the temples on that fide the Rheum is.

The Oyntment for the fame.

Take Lapis tutia and burne it in a fire-shovell of quicke coales, quench it in a poringer of womans milke, doe so halfe a feore times, then grinde it in a cleane morter till it bee very fine powder, then mingle it with fresh Barrowes grease till it looke russet : anoint your eyes with a little of it when you goe to bed.

For Deafenesse.

Take Rew, and rub it betweene the palmes of your hands untill it be fo brufied, that you may make thereof a tent; then dip it in fweet fallet oyle, and put in each care one, fo that you may pull them forth againe. This doe for feven or eight daies, and change the tent every day.

Take a quarter of a pinte of Angelica water, of Cardus Benedictus water, and of white wine, of either a like quantity: mingle them together, dividing the fame into

two equall parts; drinke it in two feverall mornings: then the next night after the taking of the fecond draught of water, take the filh of an oyfter, and put it into a fayre linnen cloth, and ftop the fame into the care that is thickeft of hearing, and lye on that fide as long as you can: in the morning pick that care as cleane as you can, and after that take a draught of the beft ale you can get, with a toaft of houlhold bread toafted very dry, a reafonable quantity of nutmegs; ule the fame every morning for five or fixe dayes, fafting after the taking hercof two houres, every time you take it.

For the cough of the lungs.

Take two handfuls of Rolemary, & strip it off the stalke, one of Hissop, and see the them in a pottle of running water, till it come to a quart, and then put a quarter of a pound of fine sugar, and let it see the a little, and scum it, drinke it morning and evening.

A present remedy for all manner aches, and bruises in the Bones.

Take a good quantity of Wallwort, and a certaine quantity of Balme, and Smallach, and ftampe them, and take a pound of May Butter, and temper them very well together, then make them into round bals, and let them lye for the fpace of eight daies after, and then ftamp them againe as you did before: then take it,& fry it, & ftraine it, and put it into an earthen pot : This will helpe the bruife, be it never fo blacke.

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For burning or fealding.

To take out the fire, beat onyons very imall, and binde them to the place. To heale it, take halfe a pound of fheeps fuet, as much fheeps dung, a quarter of a pound of the inner rinde of an elder tree, and a little Houfleeke: fry them together, and firain it, and use it as a plaister, or make a ferecloth of it, and apply it to the grieved part.

For Burftnesse of old, or young.

Take nine red Snailes, lay them betweene two tyles of clay, fo that they creep not nor flide away, and bake them in the hot embers, or in an oven, till they may be powdered, then take the powder of one of the Snailes, and put it in white wine, and let the patient drinke it in the morning at his rifing, and fast two houres after, and drinke thefe nine Snailes in eighteene daies, that is, every other day one. And if the fickneffe be foold that it will not heale in eighteen daies, begin again, and drinke other nine Snailes, and he shall be whole: this confidered that he weare a Truffe in the mean time, according to the manner of the rupture.

A Salve for all fores.

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Take a pound of theeps tallow, and a pound of Turpentine, and a pound of Virgin-waxe, a pinte of Sallet oyle, a quarter of a pound of Rofin : take alfo Bugle, Smallach, and Plantaine halfe the quantity of theother, or fo much as will make a pinte juft : boyle all these together upon a foft fire of coales, alwaies ftirring it till a third part be confumed; then take it from the fire, and ftraine it thorow a new canvas clothinto an carthen pot.

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For

For Bleeding.

Take a blacke Toade in May, dry it betweene two tile stones, and hang it in Sarcenet about the parties necke.

To procure sleepe.

Take Betony, Rofe leaves, Vinegar, Nutmeg, and the crummes of Rye-bread: put this in a cloth warme to the poll of the head.

For the Cough:

Two handfuls of laft Savery, fteep it five daies in white wine vineger, put into the vineger halfe an onnce of Pepper, at the five daies end draine out the vineger, and as foone as the bread is drawne, fet them ina Pewter diffi into the oven, and ftop it up, and let them ft and all night. In the morning take them out of the Oven and powder them: Take of this powder and drinke it with Sacke, fo much of it as will lye on a three-pence.

A Gargill for the Vuula.

Take a pinte of good ftrong Ale, and as much Sacke, and a good quantity of long Pepper, & bruile it groffely, and boyle it from a quart to a pinte, and let the parties gargle their mouthes, and throats as warme as they may fuffer it.

If the pallat of the mouth be downe, it will fetch it up.

For deafnesse very excellent good.

Take the hoofes of the Neats feet after they bee fodden, and hold them in a cloth fo warm as may be to your care,

eare, divers times together one after another ; they will last to be warmed in the same they were sodden in, some three or source dayes without sowring.

How to destroy vermin or lice in ones head or clothes.

There is a berry which you may buy at the Apothecaries, it is called *Cocculus India*; make it into fine powder, and firew it in the hayre of the head, if the lice be only there, and binde the head elofeup, and it will for certain flay them all before the next morning : if they be about the clothes and the body alfo, then mix fome of the powder with fome fresh butter or hogs greafe, and anoynt the feames of the parties garments, especially about the neck, waste, and gatherings of the garments, alfo boyle some of the berries in a pinte of faire water, and the weight of 6 d. of Mercury sublimate, then firain it, and bathe the party with a cloth dipt in this water, made blood warm, but especially about his joynts, and it will quithim, though he be never so full : approved.

How to make excellent troffes or cakes to purifie the ayre in time of the plague.

Take one ounce of myrrhe powdered, alfo an ounce of the flowre of brimfton, as much balfam of *Perss* as will make them into a fliffe pafte, then make it into little cakes; you may in time of peffilence every or every other day put one or two of these upon a chasingdish of quick coales, and betake your selfe into some other place, untill the some cease. *Minshet*.

To

To provoke sweat, and to clense and clarifie the blood.

Give the party twenty graines of the flower of brimfton mingled with a little white wine vineger, or oximell fimple; it will provoke to fweat, and clenfe the blood mightily. Idem.

Brimston mingled with pitch and so wrought upon wood, will not suffer it to be taken with wormes, nor to putrifie with winde or weather. Idem.

The imoke of brimfton conveyed with a convenient inftrument into a veffell of corrupt falt, and flinking water, it will in a fhort time purific the fame, by fending the dregs unto the bottom. Idem.

For an old fore approved.

Take a pound of oyle of Olives, two ounces of hony, one ounce of turpentine, two ounces of white wax, frankincenfe, and olibanum, halfe an ounce of each, black pitch halfe a pound; melt them all together, and referve it for your ufe.

How to make white jelly.

Take two pound of Almonds, and make creame of them, then boyle three ounces of Ifinglasse in a quart of faire water, to a pinte, then mix it with your creame, adding to them one pound and a quarter of refined sugar, and a quarter of a pinte of rosewater; boyle them all together a little while, and then strain it, and it is done.















