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**Hypericum perforatum l. Major aplication in medicine**

St. John's wort (*Hypericumperforatum L.*) is one of the medicinal plants thatwas traditionally used in herbal medicinefor the treatment of many pathological processes. Drugs based on biologically active substances of *Hypericum perforatum*are included in the Pharmacopoeia of many countries. They are used as diuretics for the inflammatory processes treatment in gastroenterology and proctology.In Bulgaria, for example, the catechins-based drug “Peflavitum” possesses P-vitamin activity and reduces the permeability of blood vessels, in the Czech Republic the drug “Floristum”is produced for the treatment of inflammatory processes in gynecology.

On the basis of conducted phytochemical and pharmacological researches, we have developed technological scheme of medicines production from *Hypericumperforatum* with diverse pharmacological activity.

**Giflarin** (latin - SolutioHyflarini pro injectionibus, active ingredient – quercetin-galactoside– hyperoside) is a hypoazotemic and diuretic drug used for the treatment of kidney failure. Giflarin also has anti-inflammatory, analgesic and capillary strengthening effect. Drug dosage forms: 1% solution for injection (2.0 and 5.0 ml), and 5% oral solution [1].

**Hypericum dry extract** (latin- Hyperici Extractum Siccum, polyphenol complex) has a P-vitamin, antioxidant, analgesic, radioprotective, and capillary strengthening action.It is a component of the drug “Phytolytum”, which is used to treat kidney stone disease [1,2].

**Quercetin** (flavonoid aglycone) has antioxidant and P-vitamin, membrane stabilizing and anti-allergic activity. Drug dosage forms:solution for injection and oral solution.

**Rutin** (quercetin-rutinoside) –P-vitamin, capillary strengthening action. Dosage forms: powder, 20 mg per tablet.

**Hypericum oil** (latin -ExtractumHypericioleosum,lipophilic complex of St. John's wort) is a antimicrobial, anti-inflammatory, wound healing, stimulating tissue regeneration agent. Dosage forms: 2% solution of oil in lipase inhibitor; granules, curative and prophylactic toothpaste. [3]

**Red resin** (active ingredient - hypericin and pseudohypericin) has a reparative, hemostatic, anti-inflammatory, anti-tumor effect, as well as photosensibilizing properties. These data allow the use of drugs on the basis of the red resin in proctology for wounds treatment, as well as vitiligo. Dosage forms: ointment, suppository.

**Polysaccharide complex of hypericum** has immunostimulating and radioprotective effects. Dosageforms: granules, tablets [4].

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