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| Drugs | Acute AUB | | | Long Term Management | Side Effects | Contraindications |
| **Mild anaemia**  **Hb 10-12g/dL** | **Moderate anaemia**  **Hb 8-10g/dL** | **Severe anaemia**  **Hb≤ 7 g/dL** |
| Combined Oral Contraceptives  (30-35µg Ethinyl Estradiol) | 1 pill 12/12h until bleeding stops  1 pill daily x 21 days (d) | 1 pill 6/6 hours (h) x 2 d  1 pill 8/8h x 2 d  1 pill 12/12h x 2 d  1 pill daily  start a new pack with active pills (skipping placebo) | 1 pill 4/4h or 6/6h x 2-3 d  1 pill 8/8h x 3 d  1 pill 12/12h x 2-7 d  1 pill daily | Continuous regimen x 3 months  Cyclic regimen x at least 6 months | Nausea and vomiting  (an antiemetic drug is recommended)  Spotting or breakthrough bleeding  Headache  Breast tenderness | - Pregnancy  - Thromboembolic disease (active or previous)  - Known thrombogenic mutations  - Hypertension  - Breast cancer  - Systemic lupus erythematosus  - Hepatic disfunction  - Migraines with aura  - Congenital cardiac anomalies |
| Estradiol 2mg  oral | - | 2 mg 6/6h x 2 d,  2 mg 8/8h x 2 d  then 2 mg 12/12h x 2 days  Add an oral progestin for 10-14 days | 4 mg 6/6h until bleeding stops (maximum 24 h)  2 mg 6/6h x 2 days  2 mg 8/8h x 2 days  2 mg 12/12h x 2 days  2 mg daily  + An oral progestin x 10 - 14 d | - |
| Norethisterone acetate oral | 5-10 mg  12/12h x 7d | 5-10 mg 8/8h x 3d  5 -10 mg 12/12h x 7d  5-10 mg daily | 5-10 mg 6/6h x 4d  5-10 mg 8/8h x 3d  5 -10 mg 12/12h x 7d  5-10 mg daily | 5 mg daily x 10-14 d  each month  If contraception is needed: Desogestrel daily | Nausea and vomiting  (an antiemetic drug is recommended)  Episodic breakthrough bleeding  Amenorrhea  Breast tenderness | - Pregnancy  - Breast cancer  - Liver disfunction |
| Medroxy-  progesterone acetate oral | 10-20 mg  12/12h x 7d | 10-20 mg 12/12h x 7d  10-20 mg daily x 3 weeks | 10-20 mg 6-8h x 1week  10 mg 12/12h x 1 week  10 mg daily | 10 mg x 10-14 d  each month  If contraception is needed: Desogestrel daily |
| NSAID | Ibuprofen  400 mg 8/8h Mefenamic Acid 500 mg 8/8h x 3-5 d | Ibuprofen 400mg 8/8h Mefenamic Acid 500 mg 8/8h x 3-5 d | Mefenamic acid 500 mg 8/8h,  Ibuprofen 400 mg 8/8h  Naproxen from 250 and 500 mg 12/12h | - | Negative effect on platelet aggregation and clotting factor enhancement | - Suspected bleeding disorders  - Pregnancy  - Inflamatory bowel disease  - Severe asthma  - Cardiovascular disease |
| Tranexamic acid | - | 10 mg/kg intravenously (IV) every 6-8h or  1000-1500 mg orally 8/8h x 5 d | 10 mg/kg IV every 6-8h  or  1000-1500 mg orally 8/8h x 5 d | - | Nausea/vomiting  Diarrhea  Headaches  Muscular pain  Risks of thromboembolic complications | - CID  - Thromboembolic disease  - Macroscopic haematuria  - Severe renal impairment  - Pregnancy  - Disturbances of colour vision |
| Aminocaproic acid | - | 3-6 g 6/6h oral or IV until bleeding control | 3-6 g 6/6h oral or IV until bleeding control | - |
| GnRH agonist  (Leuprolide acetate) | - | - | 3,75 mg IM every month  Add back therapy | - | Vasomotor symptoms and bone mineral density loss | - |
| Vasopressin | - | - | Collaboration with a haematologist  0,3 µg/kg IV or subcutaneous or nasally 300 µg/d | - | Tachyphylaxis,  Dilutional hyponatremia,  Mild tachycardia, Headache and flushing | - |
| Levonorgestrel intrauterine device 52mg | - | - | - | Insertion every 5 years  Releases 20 mcg/d | Amenorrhea / irregular bleeding or spotting  Cramping  Androgenic skin changes  Breast tenderness | - Pregnancy  - Active pelvic infection  - Severe distortion of uterine cavity |

Table 1 - Pharmacologic Options for AUB in Adolescents