

**PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE  
GROUP INVESTIGATION BERBANTU MEDIA GAMBAR  
ANATOMI TERHADAP HASIL BELAJAR KOGNITIF,  
AFEKTIF DAN KETERAMPILAN SISWA PADA  
MATERI SISTEM EKSKRESI MANUSIA  
DI KELAS VIII SMP PARULIAN 2  
MEDAN T.P. 2017/2018**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran kooperatif tipe *Group Investigation* berbantu media gambar anatomi terhadap hasil belajar kognitif, afektif dan keterampilan peserta didik pada materi pokok sistem ekskresi manusia di kelas VIII SMP Parulian 2 Medan tahun pembelajaran 2017/2018. Penelitian ini merupakan penelitian eksperimen dengan menggunakan *pretest-posttest control group design*. Sampel yang digunakan adalah kelas VIII-2 sebagai kelas GI+M, kelas VIII-1 sebagai kelas GI dan kelas VIII-3 sebagai kelas konvensional. Pengambilan sampel menggunakan teknik *random sampling*. Variabel bebas dalam penelitian ini yaitu model pembelajaran kooperatif tipe *Group Investigation* berbantu media gambar anatomi sedangkan variabel terikatnya adalah hasil belajar kognitif, afektif dan keterampilan peserta didik. Hasil uji perbandingan rata-rata nilai posttest menunjukkan bahwa rata-rata nilai posttest kelas GI+M lebih baik dibandingkan dengan kelas GI dan Konvensional dibuktikan dengan perolehan ( $F_{hitung} > F_{tabel}$ ) ( $4,614 > 3,094$ ), sedangkan hasil uji perbandingan rata-rata nilai angket menunjukkan bahwa rata-rata nilai angket kelas GI+M lebih baik dibandingkan dengan kelas GI dan Konvensional dibuktikan dengan perolehan ( $F_{hitung} > F_{tabel}$ ) ( $3,305 > 3,094$ ) dan untuk hasil uji perbandingan rata-rata nilai *mapping mind* menunjukkan bahwa rata-rata nilai *mapping mind* kelas GI+M lebih baik dibandingkan dengan kelas GI dan Konvensional dibuktikan dengan perolehan ( $F_{hitung} > F_{tabel}$ ) ( $10,007 > 3,094$ ). Berdasarkan hasil tersebut dapat disimpulkan bahwa model pembelajaran kooperatif tipe *Group Investigation* berbantu media gambar anatomi berpengaruh terhadap hasil belajar peserta didik.

Kata kunci : *Model pembelajaran kooperatif tipe Group Investigation berbantu media gambar anatomi dan hasil belajar kognitif, afektif dan keterampilan.*

**EFFECT OF COOPERATIVE LEARNING MODEL TYPE GROUP  
INVESTIGATION HELPS MEDIA IMAGES ANATOMY ON  
COGNITIVE LEARNING RESULTS, AFFEKTIVE AND  
SKILL STUDENTS IN MATERIALS OF HUMAN  
EXCRETION SYSTEM IN CLASS VIII SMP  
PARULIAN 2 MEDAN T.P. 2017/2018**

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**ABSTRACK**

This study aims to determine the effect of cooperative learning model type Investigation Group assisted anatomy image media to cognitive, affective and skill learning outcomes of learners on the subject matter of human excretion system in class VIII SMP Parulian 2 Medan learning year 2017/2018. This research is an experimental research using pretest-posttest control group design. The sample used is class VIII-2 as class GI + M, class VIII-1 as class GI and class VIII-3 as conventional class. Sampling using random sampling technique. The independent variable in this research is cooperative learning model of Group Investigation type anatomy image media while the dependent variable is the cognitive, affective and skill learning result of the learner. The result of the difference test of the mean posttest score shows that the mean posttest grade of GI+M is better than the GI and Conventional class is proved by the acquisition ( $F_{\text{count}} > F_{\text{table}}$ ) ( $4,614 > 3,094$ ), whereas the difference test result of the mean value of questionnaire shows that the mean value of GI+M class questionnaires is better than that of GI and Conventional class is evidenced by the acquisition ( $F_{\text{count}} > F_{\text{table}}$ ) ( $3.305 > 3.094$ ) The result of the difference test of the mean posttest score shows that the mean posttest grade of GI + M is better than the GI and Conventional class is proved by the acquisition ( $F_{\text{count}} > F_{\text{table}}$ ) ( $4,614 > 3,094$ ), whereas the difference test result of the mean value of questionnaire shows that the mean value of GI + M class questionnaires is better than GI and Conventional class is evidenced by the acquisition ( $F_{\text{count}} > F_{\text{table}}$ ) ( $3.305 > 3.094$ ) and for the difference test results the mean value of mind mapping indicates that the average grade value GI + M is better than the GI and Conventional classes evidenced by the gain ( $F_{\text{count}} > F_{\text{table}}$ ) ( $10,007 > 3,094$ ). Based on these results it can be concluded that cooperative learning model type Investigation Group assisted media anatomy images affect Based on these results it can be concluded that cooperative learning model type Investigation Group assisted media anatomy image effect on student learning outcomes.

*Keywords: Cooperative learning model of Group Investigation type assisted image anatomy media and cognitive, affective and skill learning result.*